

Statement of Work



DSI Professional Services for the implementation of Cloud Inventory - Asset Management integrated with NetSuite

Estimate No. CI-201800065

August 31, 2018

Document prepared by: Campbell Hatchard



Table of Contents

1. STATEMENT OF WORK SUMMARY	3
2. PROJECT TEAMS.....	5
3. SERVICES AND DELIVERABLES	6
4. SCOPE OF SERVICES.....	8
5. OUT OF SCOPE SERVICES.....	10
6. CHANGE ORDER PROCESS	10
7. CUSTOMER RESPONSIBILITIES	10
8. ASSUMPTIONS	12
9. PROJECT ESTIMATES	13
10. INVOICES AND BILLING	13
11. RESOURCE ASSIGNMENT	14
12. COMPLETION TERMS	14
13. CANCELLATION/POSTPONEMENT OF SCHEDULED SERVICES	14
14. TERMS AND CONDITIONS	15
APPENDIX A CLOUD INVENTORY SERVICES – ASSET MANAGEMENT DELIVERABLES.....	16
APPENDIX B SAMPLE CHANGE ORDER	53



1. Statement of Work Summary

Vendor Name	Data Systems International, Inc. ("DSI")	Vendor Address	1201 Walnut, Suite 1100 Kansas City, MO 64106
Customer Information			
Customer ("Customer"):	Deployed Resources LLC	Statement of Work Effective Date ("Effective Date"):	The date the last party signs this SOW
Customer Address:	164 McPike Rd Rome NY 13441 US	Expiration:	<i>THIS OFFER EXPIRES ON September 28, 2018 If Customer has not delivered duly executed counterparts of this SOW to DSI by that date, DSI may rescind this pricing and, in such event, this SOW will be null and void and of no force or effect.</i>
Payment Terms ("Payment Terms"):	Net 30 Day		
Billing Information		Agreement under which this SOW is issued ("Agreement"):	
Billing Entity (if not the Customer):	Deployed Resources	This SOW is subject to the terms of the existing Master Agreement and/or Software License, Services and Maintenance Agreement between the parties dated:	
Billing Address:	164 McPike Rd Rome, NY 13441 US		
Billing Contact:	Mel Booker	Effective Date of Agreement:	August 31, 2018
Phone Number:		Parties to Agreement:	Deployed Resources LLC Data Systems International, Inc.
Fax Number:			
Email:			
Billing Currency:	USD		
VAT Registration Number:			
Regular Work Hours ("Work Hours"):	9 am to 6 pm (including one hour for lunch), Mondays to Fridays (excluding public holidays at the Location (defined below))		
Location Information			
Location where Services are to be primarily provided ("Location")			
Address:	164 McPike Rd Rome, NY 13441 US		



DSI Software Applications in relation to which the Services are provided under this SOW ("Software")
Software (Description of specific modules)
Cloud Inventory – Field Asset Management - containing following applications:
- DSI Enterprise Printing Platform (EPP)
- Cloud Inventory Insights
Services listed are based on a Platform Delivery in the Cloud.

TIME AND MATERIALS CONSULTING SERVICES ESTIMATE

	Estimated Services Fee (Excluding Tax)
Total Estimated Services to deliver project scope	\$104,775
Total Estimated Cost	\$104,775

Project Phase	Estimated Hours
Plan Phase	98
Design Phase	16
Build Phase	173
Test Phase	74
Deploy Phase	131
Total Hours	492

Payment Method

Any Purchase Order required for this work must be issued only from Customer to DSI.

Services and related expenses will be invoiced weekly in arrears and payment shall be made in accordance with the Payment Terms set out above. Travel and on-site expenses will be billed as incurred in accordance with the details in Section 9.

These estimates are for informational purposes only and do not represent a fixed price for the Services. Customer acknowledges that the fees and expenses payable by Customer hereunder may exceed the estimates provided hereunder.

This Statement of Work ("SOW") is entered into between DSI and Customer and is subject to the terms and conditions in the Agreement. Nothing contained in any purchase order or other document or instrument issued by Customer will in any way modify or add terms or conditions to this SOW or the Agreement, and any such modified or additional terms or conditions are hereby expressly rejected and excluded from the parties' agreement and understanding in this SOW. In the event of any inconsistency between the SOW and the Agreement, this SOW shall control to the fullest extent of such inconsistency.



2. Project Teams

Customer Project Team

Customer shall allocate the following resources to the Project, see table below. Customer shall avoid where possible the substitution of such resources, especially where this will impact Project cost or timeline.

Customer Required Resources. The estimated time commitment required for each resource is listed below.

Project Role	Name if Known	Responsibilities	Commitment
Executive / Project Sponsor	TBD	Participates in steering committee meetings. Signs SOW(s) and Change Orders. Sponsors organizational changes required to achieve return on investment. Sponsors business process changes required to achieve return on investment. Point of escalation for issue resolution.	10%
Project Manager	TBD	Directs the day-to-day activities of the Project team. Understands the impacted business processes and related processes. The Project Manager will secure and manage Project team resources and schedules, manage the issue resolution process, facilitate development of business rules, and provide support and direction for the Project team.	100%
Business Lead(s)	TBD	Provides expertise on current processes and methods and is responsible as primary decision maker for the 'to be' business processes.	40%
Key Users	TBD	Actively participate in designing the 'to be' business processes and will be responsible for understanding the configuration and testing the DSI Software in conjunction with the DSI functional lead(s). The Key Users are responsible for detailed design validation and user acceptance testing activities and will represent the business' needs throughout the Project lifecycle. Key Users group also will be trained in the system processes by DSI and is expected to undertake the training to further system users at Customer using the "Train the Trainer" approach. The Key Users are also the go-to resources for end users during Go-Live (as defined).	100%
Technical Lead	TBD	Know Customer's current systems and their relationship to the current and future business processes. The Technical Lead will lend expertise in solution architecture design. In addition, this individual will coordinate the technical aspects of the implementation including software and hardware installation for any non DSI systems required for integration, database reporting access and end-user connectivity.	50%
System Administrator	TBD	System Administrator will have responsibilities for the Customer integration system, network, WAN, and operating system; participate in DSI technical training; assist in the installation of the Software; systems administration; network administration; maintaining system performance; resolving system related interface/process errors and issues; and resolving data integrity issues.	20%



DSI Project Team

DSI shall allocate the following resources to the Project.

Project Role	Responsibility
DSI Executive Sponsor	Participate in Steering Committee meetings. Act as an escalation point within DSI if required. Help define and monitor the progress of project success factors.
DSI Project Manager	The DSI Project Manager is responsible for creating, managing, and delivering the tasks and schedules of the DSI resources in accordance with the Project plan. The Project Manager is also responsible for first line communication and issue resolution along with communicating the budget status to the Customer.
Delivery Lead	The Delivery Lead is the DSI Cloud Inventory and technical expert. They lead the Delivery Consultants in the implementation, configuration, testing, training, and project support activities. Working with the Project Manager, the Delivery Lead communicates progress, coordinates tasks and resolves issues to ensure a smooth and successful implementation in accordance with the software design and project plan.
Delivery Consultant	The Delivery Consultant executes the activities needed to implement, configure, and test the Software. At the direction of the Delivery Lead and Project Manager, the Delivery Consultant brings the technical skills and product knowledge necessary to complete the tasks defined by the Software.
DSI Infrastructure Architects	The DSI Infrastructure Architect works with the Customer's technical stakeholders to finalize the technical design of the Software. The Architect(s) will execute the approved technical design and are responsible for software installation, environment set up and interface/integration development.

3. Services and Deliverables

DSI will provide the following Services and Deliverables to Customer within the Scope of Services and subject to Customer's compliance with its obligations under this SOW:

Plan Phase

All references to "Plan Phase" in this SOW will refer to the Services and Deliverables set forth immediately below.

Services	Deliverables
<ul style="list-style-type: none"> a) Assign DSI Project resource team and define roles. b) Conduct Project kick-off meeting c) Meet with Customer and schedule on-site planning sessions. d) Undertake architecture design workshop and commence installation activities. e) Create a baseline Project Plan and Resource Plan. f) Walkthrough DSI project governance tools with Customer including - Status/Progress Reports, Risk and Issues Logs. g) Detailed Facility Walkthrough and review of current business practices within the Scope. h) Undertake Process Alignment workshops for aligning business practices with the Software with and write the DSI Functional Specification. i) Meet with Customer to discuss and define functional, technical, and interface configuration. j) Agree on VPN access for remote connections. k) Identify and define device hardware and network requirements. 	<ul style="list-style-type: none"> a) Baseline Project Plan. b) Signed DSI Functional Specification document. c) Technical Document containing agreed architecture, hardware sizing, VPN communication, and integration information. d) Plan Phase sign-off acceptance document.

Design Phase



All references to "Design Phase" in this SOW will refer to the Services and Deliverables set forth immediately below.

Services	Deliverables
<ul style="list-style-type: none"> a) Jointly with Customer develop the verification processes for interfaces between the Software and non-DSI systems and programs named in Section 1, and provide requirements, specifications, data maps and integration recommendations for the integration between non-DSI systems and programs and the Software. b) With Customer undertake configuration to meet the requirements of the agreed DSI Functional Specification. c) Create Design documents for agreed DSI Licensed Product configurations. d) Update integration design documentation as required. e) Conduct design reviews. f) Obtain test data from Customer. g) Review and Update Issue and Risk Logs. 	<ul style="list-style-type: none"> a) Design Phase sign-off acceptance document.

Build Phase

All references to "Build Phase" in this SOW will refer to the Services and Deliverables set forth immediately below.

Services	Deliverables
<ul style="list-style-type: none"> a) Build and configure the hardware environment and install the Software in production instance and one non-production instance in accordance with the functional and technical design document(s) delivered by DSI during the Plan Phase. b) Configure with Customer (2) two printers in the production instance. Verify printers operational within the Cloud Inventory solution. c) Configure with Customer two (2) mobile devices in the production instance. Verify mobile devices are functional in the Cloud Inventory software. d) Execute unit test cases as required. e) If required, build out process configurations defined by Customer as defined in the Design Phase. Develop the required integration between the Customer host system defined in Section 1 and the technical documentation. f) Guide Customer with the content and format of User Acceptance Test ("UAT") scripts and a test execution plan. (Note it is Customer responsibility to produce UAT scripts). 	<ul style="list-style-type: none"> a) An environment meeting the specifications set forth in the functional and technical design documents established under the Plan and Design Phase with regard to the DSI components and responsibilities. b) Build phase sign-off acceptance document.

Test Phase

All references to "Test and Deliver Phase" in this SOW will refer to the Services and Deliverables set forth below.

Services	Deliverables
<ul style="list-style-type: none"> a) Execute System Integrated Testing (SIT) jointly with Customer within the Software. b) Support UAT covering one (1) complete testing cycle/retest. UAT should be on a production system with actual hardware to be used in production. 	<ul style="list-style-type: none"> a) System integration test results/issues tracking log for DSI test scripts. b) UAT test results/issues tracking log. c) System Administration training documentation. Deployment plan including Go Live Checklist. d) Sign of acceptance of Test Phase.



c) Performance Audit and Stress Test	
d) Provide functional training in the Software for up to six (6) Customer Key Users. (Customer will utilize the "train the trainer" approach for training all other users).	
e) Support execution of end-user training.	
f) Facilitate System Administration training.	
g) Create deployment plan.	

Deploy Phase

All references to "Deploy Phase" in this SOW will refer to the Services and Deliverables set forth immediately below.

Services	Deliverables
a) Go Live Readiness Assessment with Customer Steering Committee.	a) Finalized Software documents.
b) Execute Go-Live plan.	b) Go Live Checklist
c) Prepare for post-Go-Live support. "Go-Live" means the date when the Software is brought on-line in the production environment	c) Go Live deployment resourcing.
d) Go Live Support includes Two(2) weeks or 80 hours (Ten 8-hour days) for one DSI consultant based at one of the sites stated in Section 1.	d) Transition from the DSI Services consultants to the DSI support team consultants.
e) Handover to DSI Support team.	e) Sign off acceptance of Deploy phase and project.

General - Project Management

DSI will provide a project manager ("PM") to participate in the running of the project. The PM will provide a weekly project status report that will include:

- A weekly Project Plan update;
- A weekly issue list update;
- Monthly DSI billing reports and budget analysis
- Regular review of risks; and
- Regular review of project issues.

4. Scope of Services

DSI will provide the ("Services") and ("Deliverables") set forth in this Section 4, through the deployment of its staff or resources ("DSI Consultant"). The Services are limited to the Software set out above in Section 1 and shall not exceed the terms and obligations set forth in this Section 4 ("Scope of Services").

This SOW covers the implementation and delivery of the standard Cloud Inventory Services Warehouse Management (WM) application, integrated with NetSuite system. This estimate includes configuration and set up of the modules and processes as listed in Appendix A. This also includes the configuration as listed in Section 1.

The SOW assumes that the implementation of the Services under this SOW are performed jointly with Customer as a cooperative, hands-on project, jointly managed by DSI and Customer pursuant to a shared consulting model for performing an implementation.

Project Planning and Timeline

DSI and Customer will develop a Project Plan during the Initiate phase of this Project that will reflect the estimated timeline to complete the Project ("Project Plan"). DSI will be responsible for managing the projected timeline.

Unless as otherwise specifically stated in this SOW or the Project Plan, all dates, timetables, or timeframes provided in this SOW and the Project Plan are estimates or targets only ("Estimates"). DSI may modify any Estimates as necessary.



Any go-live date indicated in this SOW is an estimated go-live date for informational purposes only and DSI's best estimate prior to the detailed discovery work in the Plan Phase. The date will be re-assessed in the Plan Phase and at Steering Committee meetings throughout the Project.

Geographic Scope

DSI will provide Services to implement the Software under this SOW at the following Customer facilities:

- Rome NY UA
- The first site to be implemented will be Rome NY UA

Functional Scope

The DSI applications to be implemented for the Software are listed in the SOW summary section.

The Software features and functions with their existing transaction configuration options that will be implemented under this SOW are listed in Appendix A and can be viewed in more detail in the Cloud Inventory System User Manual.

The Software configuration is to Customer's in-scope warehouse. Additional work to include configuration of further Customer warehouse's is not included in the Scope of services.

Organizational Scope

- Organizational change management is out-of-scope and is considered Customer's responsibility.

Business Process Scope

- DSI will conduct Software Alignment workshops with Customer to identify Customer identified and defined business processes. The Customer is responsible for identifying, design, sign off and execution of all new business processes.

Integration Scope

- DSI has allocated time to this Project to build the integration to/from the Customer's host system NetSuite and the Cloud Inventory software using its standard integration tool set.
- DSI will jointly with Customer configure the integration. This configuration will be clearly stated in the Technical Design document.
- DSI will configure the integration as stated in the Technical Design Document. Customer will develop any work needed on Customer system and any integration gateway systems.
- An integrated environment will be created between DSI Cloud Inventory non-production system and Customer's Host/ERP non-production system. During the Test and Deliver project phase DSI will undertake a "one time" cutover of the integration software.
- DSI and Customer will jointly undertake unit tests for the developed integration.
- Customer will undertake system integration testing between the two systems.

Configuration Scope

- DSI will configure the following modules of the DSI Cloud Inventory Warehouse Management software as a "one-off" deliverable for Customer and is estimated on a Time and Material basis.
- The areas requiring software configuration are listed below and include build, unit test, system integration test and one-time installation to production and one non-production instance. The estimate has been developed based on the information gained during the discovery process and if the requirements change DSI reserves the right to update the estimate accordingly using the Change Order process.
- Included in the SOW are the following Customer specific configurations:
 - Asset Management Mobile Apps

Data Mapping Scope

- DSI will assist Customer with data mapping activities, and these activities will set forth the data (e.g. master data, transactional data, etc.) required for the Software.
- Formatting, cleansing and integrity of the data required for the Software is Customer's responsibility.



DSI Platform and Environment Scope

- The applications to be installed as part of the Cloud Inventory Warehouse Management Software is listed in Section 1, and details are listed in this Section.
- DSI will undertake the following specific services related to the platforms:
 - Installation of Mobile Devices, which includes device setup, configuration and testing of DSI Mobile Client on up to two (2) devices (PC, Handheld, Tablet, etc.) using standard device tools such as active sync and the DSI Device Loader.
 - Set up and test of two printers. All mobile applications within the SOW are being delivered in DSI's prompt and response format.

Insights

DSI will install the following preconfigured Insights tools: - Warehouse Insights, Operational Insights and Platform Metrics. This includes out of the box "boards" that allow drill down and manipulation of the report which come from the Software's database. Training of the Insights package is included in the Training Scope below.

Training

- DSI will train up to six (6) Key Users on the features and functions of the Software. The expectation is the Customer will utilize the 'train the trainer' technique for undertaking further training to all other users who will be using the system.
- If required, DSI will provide up to one day of knowledge transfer workshop to Customer technical user that will educate the user in how to work on the Enterprise Printing Platform application. The workshop will center around platform and label configuration and management, for example, Item label and License Plate label (LPN) that is provided with the baseline system.
- DSI will include one day of Insights training (knowledge transfer) for Power Users and View Users. This can include jointly building out new report requirements.

5. Out of Scope Services

Any Services or activities not expressly set forth in this SOW and the description of Services and Deliverables set forth above will be considered Services outside of the of the SOW ("Out of Scope Services" or "OOS"). For the avoidance of doubt, OOS and deliverables include but are not limited to:

Organizational and Mainstream Project OOS Services

- Business process gap identification, development and implementation.
- Organizational change management.
- Additional Services required to discuss and analyze any enhancements or any changes to the tasks covered by this SOW.
- End User Training

Configuration and Data Related OOS Services.

- Data conversion – including any extraction, cleansing or transformation of legacy/existing data
- If applicable, System Administration and general management of any Gateway server, EPP service and non DSI Middle Tier tables used in the integration.
- Any modifications, configurations or upgrades to the Software that are not listed in Section 5. For the avoidance of doubt, the parties specifically agree that DSI shall not be obliged to provide additional or re-perform any of the Services in relation to any upgrade to or new release of any part of the Software that occurs after the execution of this SOW, unless otherwise mutually agreed in a Change Order.

6. Change Order Process

In the event Customer requests additional Services and/or Deliverables that are OOS of this SOW, then a Change Order must be executed. All such changes to this SOW will be documented with a written Change Order and must be signed and approved by both parties prior to the commencement of any additional Services. Any associated project schedule and cost estimate change will include an estimate of impact to the Project Schedule and cost. A sample of the Change Order form is located in Appendix B of this SOW.

7. Customer Responsibilities

In order for DSI to meet its obligations and perform the Services as described hereunder, Customer shall be responsible



for the timely completion of the following tasks provided in Section 7.

Customer Organizational Responsibilities

- Provide executive level sponsorship to cultivate senior level communication and provide support for the Project.
- Create a Project steering committee that will drive Customer's executive level support needed for the Project and facilitate quick issue resolution where needed. The assigned DSI Project Manager and DSI Project Sponsor will be members of that steering committee.
- Provide a Project Manager to manage and coordinate the implementation. The Project Manager shall act as the main contact for DSI and be authorized to make decisions and sign-off Deliverables on behalf of Customer.
- Ensure Customer personnel assigned to the Project are available for the duration of the Project.
- Provide input, review, and participate as reasonably requested by DSI during the performance of the Services, including, without limitation, requirements gathering, design, working sessions, and day-to-day engagement tasks.
- Participate in Project planning activities, including by identifying priorities, dependencies, and constraints.
- Complete all required and assigned activities as described and agreed upon in the Project Plan in a timely manner as to not impact the overall timeline of the Project.
- Manage all risks, dependencies and Project constraints for all tasks that fall under Customer's responsibility.
- Customer shall support DSI in the management of tasks that fall under DSI responsibility.
- Ensure that all 3rd party vendor resources hired or contracted directly by Customer will meet Customer's obligations as described in the Project Plan and follow all DSI direction and guidance in a timely manner as not to impact the overall timeline of the Project.

Business Change Responsibilities

- Provide DSI documentation describing all relevant business processes as well as identification and definition of any future processes to be configured as part of the Software.
- Agree and define with DSI in the Plan project phase the project objectives and success factors.
- Responsible for all change management activities including:
 - organizational change management
 - initial change management impact assessment
 - training needs analysis
 - training organization
 - stakeholder management
 - development of any required change management approach/strategy
 - communication of Project performance
 - role impact assessment
 - transition management
- Responsible for all business benefits realization activities.

Data and Testing Responsibilities

Create and execute a comprehensive written test plan that covers all functionality, use cases, devices, platforms, settings, and environments on a test or non-production systems that replicate production logic, data, settings, configuration, code levels and expected performance. The test plan will be presented by Customer to DSI for approval no later than two (2) weeks prior to start of UAT.

Create and Execute UAT Scripts

Create an executable plan for ensuring the inventory is brought into the system with the view to inventory accuracy at the location level - this is critical to the success of system go live.

Environment Responsibilities

If requested, Customer shall provision the Cloud Connect Gateway server on a dedicated Windows server or VM Ware. This server will be used for both production and non-production environment integration to all required integration hardware and infrastructure software (as identified in the technical design documents). Install this prior to the start of the Build phase unless otherwise mutually agreed in a Change Request.

Responsible for providing a configured and functional test host system (e.g., ERP) environment.



- Ensure that the technical environment meets the minimum requirements specified by DSI, including; bandwidth, latency, wireless coverage, stability and device performance.
- Ensure that any needed reloading of mobile devices with the Mobile Client instance is undertaken.
- Investigate with the DSI team the choices of available hardware devices supported by the Mobile Enterprise Platform ('MEP'), for each of the use case required. (DSI can provide a certified list of hardware devices for the Software). This information will be used to establish the hardware to be used with the Software.
- Create and maintain Disaster Recovery plans to cover system outage, Network Outage or Gateway Server outage. Note, DSI covers disaster recovery for the core system and database.

Business Process and Training Responsibilities

- Development and identification of all business processes.
- Develop end user training documentation.
- Identify a minimum of two (2) Key Users to participate in DSI Key User training.
- Provide end user training based on the "train the trainer" education provided by DSI.
- Designate at least one (1) individual as the MEP administrator to ensure that the designated administrator completes required administration training in a timely manner.
- Perform any required regression testing.
- Provide data quality governance as well as manage any impact of data quality or availability on Project scope, timelines, and Deliverables.
- With DSI participate in go-live readiness assessment and ensure all production components are in place for go-live.

Other Responsibilities

- Provide DSI access to Customer's facilities during the Project to include dedicated Project and meeting rooms, WIFI broadband internet access; projectors, screens, and flip charts, and other items as reasonably requested by DSI from time to time.
- Provide DSI with connections and credentials and make available for all DSI on-site personnel through the duration of the Project that allows on-site personnel to access the necessary systems for all Project tasks.
- Provide authorized DSI Consultants with remote access (for example via VPN) to the DSI environments from day 1 of the Project.
- Ensure the warehouse location names are barcoded and fit for scanning with the agreed mobile devices to be used.

8. Assumptions

In all cases, the fees, Scope of Services, and the timeline described above are based on the following assumptions ("Assumptions"). A modification or deviation from these Assumptions will constitute a change in scope requiring a Change Order and may result in delays or additional fees.

Project Assumptions

- DSI will deploy the standard Cloud Inventory Solution for Asset Management, the customer may change the color scheme and apply their corporate logo.
- Overall Project responsibility remains always with Customer.
- Customer acknowledges that their participation and cooperation is required for the success of the Project.
- Customer has already implemented the required ERP modules to which the Software will interface.
- DSI will not allocate resources until Customer signs and returns this SOW. The actual timing of all events is based on the actual start date of the Project as well as the completion of any Customer or third-party responsibilities set out in this SOW.
- Upon DSI's request, Customer will provide DSI with reasonable after-hours and/or remote access to Customer's facilities. Access by more than one resource concurrently should be considered as a standard condition.
- As is commercially reasonable, the Services will be provided with minimal or no interruptions or stops so as to promote the uninterrupted assignment of DSI Consultants.
- In order to maintain the Project timeline, feedback from Customer is expected within three (3) business days following receipt of any Deliverable or completion of a Project milestone. If no feedback is received within that timeframe, the Deliverable or Project milestone will be deemed approved. Customer will communicate



- any objections to DSI in writing. For the avoidance of doubt use of any Deliverable in a production environment will constitute deemed approval of the Deliverable.
- The Estimated Project Duration does not include time for Customer or a third-party to modify Customer's existing systems, e.g. ERP, Financials, etc., to align with the Software.
 - Any Customer initiated organizational changes or strategic imperatives that impact the fees, Scope of Services or timeline will be subject to the Change Order Procedure set forth above.
 - DSI will abide by Customer's decisions concerning strategies, policies, procedures and systems; on condition that such will be relied upon by DSI and any such decisions that impact the fees, Scope of Services, or timeline and will be subject to the Change Order Procedure set forth above.
 - DSI will apply its standard implementation methodology. Unless otherwise agreed by both parties, each project phase represents a Phase of the Project requiring sign off prior to moving forward to next phases. Specifically, the content of the Plan Phase as stated in the Plan documents (see Section 3), formulates the agreed work for the remainder of the Project. Changes to this will invoke the Change Order process.
 - DSI may perform the Services at the Location set out above or remotely at the discretion of DSI.
 - DSI will perform the Services during Work Hours (defined above) in the time zone of the Location where the Services are provided. However, DSI may change the Work Hours to accommodate out-of-town or remote DSI Consultants.
 - English is the official language of the Project. All Deliverables or written materials must be delivered or provided under this SOW in English.

9. Project Estimates

Time and Materials Services

Estimated time and materials costs listed in this SOW represent an estimate only, and actual Project time and cost may vary from the estimates provided. All Services are provided on a time and material basis. If changes in the Scope are required, the Change Order Process will be executed. Billing to Customer by DSI and payment by Customer to DSI are not dependent or conditioned upon any delivery or acceptance of deliverables contemplated herein or any other deliverables.

Estimate Hours and Fees

- The Estimated Hours listed above are a time and material estimate based on DSI's understanding of the requirements and listed scope as outlined in this document. If changes in the Scope are required, the Change Order Process should be executed.
- All billable Project Team hours are included.
- This SOW estimate expires on the date stated in the Summary section.
- Estimated services fees do not reflect any taxes. Taxes, if applicable, will be applied in addition to implementation costs.
- Estimated services fees do not reflect any travel related expenses.
- DSI will bill for all travel related in line with the DSI Travel and Expense Guide. Included expenses are listed below as but not limited to:
 - Airfare, ground transportation, lodging, meals and incidental charges, which are reimbursable expenses and not part of DSI's total estimate for the Services. This is in line with the current DSI Travel Policy which can be supplied on request.

DSI shall make all reasonable efforts to coordinate travel with Customer to take advantage of Customer's preferred rates. Payment for Services fees and associated out-of-pocket expenses shall be due within thirty (30) days of invoice date.

10. Invoices and Billing

Invoices shall be billed and are due and payable per the payment terms identified in the *DSI Software License, Services, and Maintenance Agreement*. Customer acknowledges that failure to remit payment according to the agreed-upon payment terms as defined in the *DSI Software License, Services, and Maintenance Agreement* may result in cancellation of scheduled Project resources until such time as the account balance is paid and brought into compliance with agreed upon terms.



11. Resource Assignment

DSI will assign DSI Consultants to the Project no later than six (6) weeks from the Effective Date of this SOW. Unless otherwise prohibited in the Agreement. If necessary, DSI may modify any named or designated DSI Consultants in this SOW during the Project upon notice to Customer. Such DSI Consultants may be charged at different rates than the originally identified DSI Consultants in line with such Consultant's title and degree of experience.

12. Completion Terms

DSI will have completed this project when the following occurs:

- In order to manage the Project timeline, Milestone Deliverables are in place at key places in the completion of each phase of the Project. Once the Milestone Deliverables for the phase are agreed and signed by Customer and DSI for approval, then this phase of the Project is deemed complete.
- When all Project Phases are complete the Project itself is deemed complete.
- Fourteen (14) days after Go-Live the Customer will be transitioned to the Global Customer Support Center ("CSC").
- Once transitioned to CSC all issues will be managed by the CSC and routed to appropriate teams for resolution.

13. Cancellation/Postponement of Scheduled Services

If Customer cancels or postpones scheduled Services set out in the SOW they must provide written cancellation notice of five (5) business day (Mon - Fri) prior to scheduled DSI Consultant work schedule. If the cancellation notice is not received at least five (5) business days prior to the scheduled work is to be performed, Customer shall be billed a minimum of four (4) hours per day per scheduled consultant for each day that does not meet the five (5) business days cancellation policy requirement. Any applicable travel changes and/or cancellation fees will also be billed to Customer.

Suspension or cancellation of the Project by Customer will require a notice period of at least four (4) weeks unless a different notice period is agreed by the parties in writing. Should the Project be suspended or canceled prior to the end of the four (4) week notice period, DSI reserves the right to invoice Customer for the full four (4) week period. DSI will invoice Customer for any work performed or costs incurred that cannot be canceled or refunded (e.g. airfare charges, cancellation charges) that have not been previously invoiced.



14. Terms and Conditions

By signing this SOW, Customer authorizes DSI to begin work as stated in this document. Both Customer and DSI will agree to the Project start dates. Any estimates for this SOW given to Customer either orally or written prior to the execution of this agreement are null and void. Additionally, scope/functionality not expressly mentioned within the document or described in Appendix A is also null and void.

Upon signature and acceptance by both parties, this SOW and pricing herein are valid and binding specific to the project described herein for a period of one year from the Effective Date or until project completion as agreed to by both parties. The DSI Software License, Services, and Maintenance Agreement will be used for all terms and conditions not specifically included in this SOW.

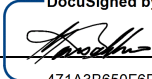
By execution, signer certifies that signer is authorized to accept and execute this Statement of Work Estimate on behalf of DSI.

Signed by DSI and effective as of

August 31, 2018

("Effective Date")

Data Systems International, Inc.

By: 
DocuSigned by:
471A3B650F6D4B9...
 Print Name: Mark Baldwin

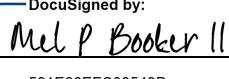
Title: SVP Admin & General Counsel

By execution, signer certifies that signer is authorized to accept and execute this Statement of Work Estimate on behalf of Customer.

Date signed

August 31, 2018

Deployed Resources LLC

By: 
DocuSigned by:
591E66EFC00549D...
 Print Name: Mel P Booker III

Title: CFO

PO # (if applicable): NA



Appendix A Cloud Inventory Services – Asset Management Deliverables

DEPLOYED RESOURCES

DSI Requirements Document

DSI Cloud Inventory Application

August 31, 2018

Table of Contents

1.0 EXECUTIVE SUMMARY	4
1.1 Project Description	4
1.2 High Level Solution Description.....	4
1.3 Warehouse Plan	4
1.4 General Solution Assumptions	4
1.5 Deliverables	5
1.6 Reference Documents	6
1.7 Operating Environment.....	6
1.8 Data Collection Hardware.....	6
2.0 REQUIREMENTS & BUSINESS PROCESS FLOWS	7
2.1 Mobile Field Inventory	7
2.2 Mobile – Item Inquiry	9
2.3 Mobile – Inventory Transfer.....	14
2.4 Mobile – Transaction Inquiry	21
2.5 Mobile – Data Replication.....	26
2.6 Cloud Inventory Reporting.....	28
3.0 DISCUSSED NOT IN SCOPE OR FUTURE ENHANCEMENT	35
4.0 OPEN ITEMS	36

[illegible]

DocuSigned by:
Mel P Booker III
By: _____
(Client Authorized Signature)
Mel P Booker III

(Print or Type Name)
CFO

(Title)

August 31, 2018
(Date)



Deployed Resources

1.0 Executive Summary

1.1 Project Description

Deployed Resources is a Veteran-Owned business formed in 2001 by a melding of innovators from the defense, construction, and entertainment industries. They lead the industry in providing turnkey life support facilities and related equipment. They manufacture containerized equipment for precise control over inventory. They currently own one of the largest inventories in the US, capable of supporting over 25,000 persons. They are strategically placed throughout the United States to immediately respond to their customers needs. DEPLOYED RESOURCES is looking to more closely track and have visibility of their inventory items in the field.

1.2 High Level Solution Description

DSI will provide a solution for DEPLOYED RESOURCES to record asset movement throughout their warehouse and offsite tracking to jobs or other locations. An initial inventory will be recorded at a Warehouse and subsequent inventory movement will track recorded inventory utilizing applications in this solution. Solution will deliver this visibility using integration of the DSI Mobile Field Inventory Applications with standard DSI Cloud Inventory.

1.3 Warehouse Plan

Location Name	State	Country	In Scope
Rome	NY	USA	Yes

- Any projected Go Live dates are just estimates and are subject to change.

1.4 General Solution Assumptions

Number	Assumptions
1	Users must be set up in the Mobile Enterprise Platform (MEP) with the appropriate role and security. New MEP 9.x version will be used for Cloud Inventory and new Mobile applications.
2	Configuration Elements are a feature of DSI CLOUD MEP tools set. Where applicable the Configuration Elements will be used for default values, etc.
3	If a feature of standard functionality is identified as Disabled, the code will be bypassed but not deleted from the application. This will enable easier restoration of a feature if the DEPLOYED RESOURCES process should change in the future.
4	For this initial phase, the Job Number and related fields are the only data that will be retrieved from E1 on a scheduled basis. DSI Cloud Inventory will not perform any other scheduled interfaces to JDE E1.
5	All screen examples listed in this document are intended for content reference. Where applicable, standard application screens, look and feel may differ from examples provided in this document.
6	DEPLOYED RESOURCES has requested several predefined reports. Domo (third party application) will be used for reporting purposes in addition to EPP (Enterprise Print Platform). Mobile users will not have the capability to print labels.
7	<p>There will be a onetime mass upload for the following data:</p> <ul style="list-style-type: none"> Warehouse from E1; Location for all Warehouse/Job# in E1; Item number that are currently Tagged and any item currently on inventory with a Tag#; and Current Inventory (with Tag) to create Transaction history. <p>DEPLOYED RESOURCES has requested ability to continue to update Warehouses, locations, items and tags after the onetime upload as rollout to other locations continues. This is noted as a request that will need further discussion. No mechanism currently exists to perform this update except as special request.</p>



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Number	Assumptions
8	Tag# is unique across all DEPLOYED RESOURCES locations and all item numbers.
9	Receiving a phone call while entering data in the application will return to the application upon completion of the call and no data loss will occur.

1.5 Deliverables

Type	Description	Notes
Process Flow	Mobile Field Inventory	Mobile Application
Form	Main Menu	Main Mobile Application Menu
Form	Item Inquiry Item Entry	To search by Item#
Form	Item Inquiry Item List	List of Item# search
Form	Item Inquiry Item Detail	Item master detail
Form	Item Inquiry LPN Entry	To search by LPN#
Form	Item Inquiry LPN List	List of LPN search
Form	Item Inquiry Item Detail	Item master detail
Form	Inventory Transfer Tag# > Sub-Loc	To transfer a Tag# to a Sub-Location
Form	Inventory Transfer PACK LPN	To add Tag# to an LPN
Form	Inventory Transfer by LPN > Sub-Loc	To transfer an LPN to a Sub-Loc
Form	Inventory Transfer UNPACK LPN	To remove Tag# to an LPN
Form	Transaction Inquiry Item	To search history by Tag#
Form	Transaction Inquiry Item List	List history by Tag#
Form	Transaction Inquiry Item Detail	Item transaction detail
Form	Transaction Inquiry LPN	To search history by LPN
Form	Transaction Inquiry LPN List	List history by LPN
Form	Transaction Inquiry Item Detail	Item transaction detail
Form	Data Replication	Form to SYNC data
Form	Data Upload	Form to upload transactions
Process Flow	CLOUD Inventory	Windows PC Application
Form	Inventory- Adjustment	Add/Issue inventory
Form	Inventory- Balance Inquiry	Search Inventory
Form	Inventory- Pack LPN	Add Tag to an LPN
Form	Inventory- Unpack LPN	Remove Tag to an LPN
Form	Inventory- Transfer	Transfer Tag or LPN
Form	Inventory- Transaction Inquiry	Transaction History by Tag or LPN
Form	Maintenance- Code Type	Maintain Code Types
Form	Maintenance- Item	Maintain items
Form	Maintenance- Location	Maintain Locations
Form	Maintenance- Warehouse	Maintain Facilities
Form	Security Role	Setup Roles

1.6 Reference Documents

Document Name	Description
SOW DEPLOYED RESOURCES CI-20170025_2.pdf	In scope SOW Estimate

1.7 Operating Environment

Software	Version	Service Pack / Release
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**Deployed Resources**

MEP CLOUD	2017.6.1	
JDE E1	9.2	

1.8 Data Collection Hardware

Type	Manufacturer / Model	Notes
iOS	iPad, Phone (model 5, 6, 7, 8 and 10)	To be used for field inventory applications.
Android	Phone	To be used for field inventory applications.
PC	Various	To be used for base Cloud Inventory applications. PC will not be used for field inventory applications. Chrome is recommended browser for Cloud Inventory application.



2.0 Requirements & Business Process Flows

2.1 Mobile Field Inventory

2.1.1 Mobile Field Inventory: Use Case

This is a mobile application intended to be used with phone or tablet. This application will not be used to add Tag# in the CLOUD Inventory. It will allow the user to process the following menu options:

- Inventory Transfer
- Item Inquiry
- Transaction Inquiry
- Data Replication

2.1.2 Mobile Field Inventory Application: Specific Assumptions and Dependencies

Number	Assumption / Dependency
1	This application will be used on iOS and Android devices.
2	This application can be used in both Connected or Disconnected Mode. Only Inventory Transfer will be allowed disconnected. The transfer will be stored on the device and processed when connected.
3	By pressing the "<" on top left of any screen, you will return to previous screen.
4	By pressing the "X" on top left of any screen, you will exit the application.
5	Prompts with barcode symbol to the right of the prompt may be scanned for barcode or information entered manually.
6	Prompts with magnifying glass symbol are capable of search for entry.

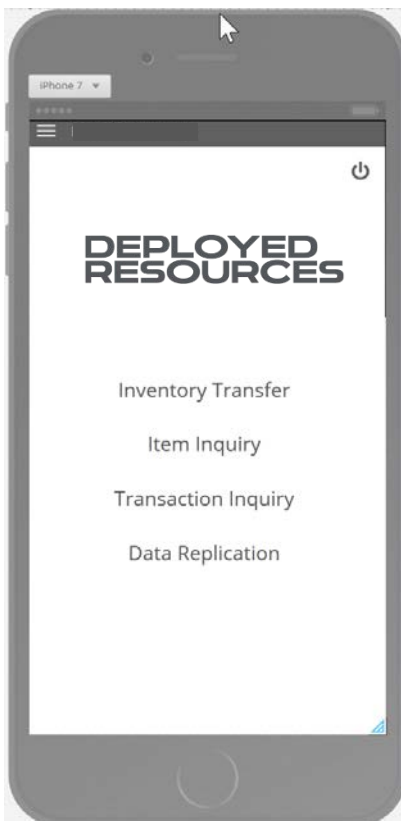
2.1.3 Mobile Field Inventory: Requirements

Number	Requirement
	Main Menu Form
1	Display menu with options for Item Inquiry, Inventory Transfer, Transaction History and Data Replication: <ul style="list-style-type: none"> • Inventory Transfer will launch the Inventory Transfer Menu form • Item Inquiry will launch the Item Inquiry Menu form • Transaction Inquiry will launch the Transaction Inquiry Menu form • Data Replication will launch the Data Replication Menu form



Deployed Resources

2.1.4 Mobile Field Inventory: Screen Mock-ups



2.1.5 Mobile Field Inventory: Keyed Values/Configuration Elements

Config Element Name	Value
TBD	TBD



Deployed Resources

2.2 Mobile – Item Inquiry

2.2.1 Mobile - Item Inquiry: Use Case

Item Inquiry will be used to inquire by Item or LPN to view current inventory information.

2.2.2 Mobile - Item Inquiry: Specific Assumptions and Dependencies

Number	Assumption / Dependency
1	This application is available in a connected mode only.
2	DEPLOYED RESOURCES has requested search of Warehouse/Job by either “description” or “number”. This will be a change from standard functionality.
3	Item Inquiry screen will default to either Warehouse or Job depending on

2.2.3 Mobile - Item Inquiry: Requirements

Number	Requirement
	Item Inquiry Form
1	<p>The form will have the following tabs:</p> <ul style="list-style-type: none"> “Item Inquiry - Warehouse” - will display the form for Item Inquiry for warehouse “Item Inquiry - Job” - will display the form for Item Inquiry for job “LPN Inquiry - Will display the form for LPN Inquiry <p>There will be no security validation for the inquiries.</p>
	Item Inquiry Item# - Warehouse Entry Form (<i>see Mock-up A & B</i>)
2	<p>Enter Warehouse</p> <ul style="list-style-type: none"> Will default to users home Warehouse. This is not a mandatory entry field. Will assume ALL if no other entries. Warehouse must exist in CLOUD table. User will get an Error if validation failed. Search available on Warehouse description name or Warehouse number.
3	<p>Enter Sub-Location</p> <ul style="list-style-type: none"> Will default to ALL. Need a Warehouse. This is not a mandatory entry. Will assume ALL if no other entries. Sub-Location will need to exist in CLOUD Location Table. User will get an Error if validation failed. Search available on Sub-Location. (No mock up created for this search – similar to search on Warehouse).
4	<p>Enter Item#</p> <ul style="list-style-type: none"> Will default to ALL. Item# will need to exist in CLOUD Inventory table. This is not a mandatory entry. Will assume ALL if no other entries. User will get an Error if validation failed.
5	<p>Description</p> <ul style="list-style-type: none"> User may search on item description. (No mock up created for this search – similar to search on Warehouse).
5	The SEARCH button will launch the search and display result.
	Item Inquiry Item List Form (<i>see Mock-up C</i>)
6	<p>This form will display a list with the following details:</p> <ul style="list-style-type: none"> Warehouse, Sub-Location, Item#, Qty.



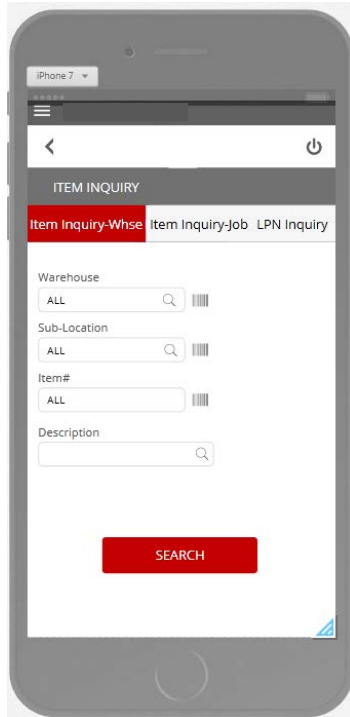
Deployed Resources

	<ul style="list-style-type: none"> The ">" will display the next form.
	Item Inquiry Item Detail Form (see Mock-up D)
7	<p>This form will display a list with the following details:</p> <ul style="list-style-type: none"> Warehouse, Sub-Location, Item#, Tag#, Qty X of X
	Item Inquiry Item# - Job Entry Form (see Mock-up E & F)
8	<p>Enter Job#</p> <ul style="list-style-type: none"> This is not a mandatory entry field. Will assume ALL if no other entries. Job must exist in CLOUD table. User will get an Error if validation failed. <p>Search available on Job description name or Job number.</p>
9	<p>Enter Allocation</p> <ul style="list-style-type: none"> Will default to ALL. Need a Job. This is not a mandatory entry. Will assume ALL if no other entries. Allocation will need to exist in CLOUD Location Table. User will get an Error if validation failed. <p>Search available on Allocation. (No mock up created for this search – similar to search on Job Name/Number).</p>
10	<p>Enter Item#</p> <ul style="list-style-type: none"> Will default to ALL. Item# will need to exist in CLOUD Inventory table. This is not a mandatory entry. Will assume ALL if no other entries. <p>User will get an Error if validation failed.</p>
8	<p>Description</p> <ul style="list-style-type: none"> User may search on item description. (No mock up created for this search – similar to search on Warehouse).
9	The SEARCH button will launch the search and display result.
	Item Inquiry Item List Form (see Mock-up G)
10	<p>This form will display a list with the following details:</p> <ul style="list-style-type: none"> Job, Allocation, Item#, Qty. The ">" will display the next form.
	Item Inquiry Item Detail Form (see Mock-up H)
11	<p>This form will display a list with the following details:</p> <ul style="list-style-type: none"> Job, Allocation, Item#, Tag#, Qty X of X
	Item Inquiry LPN (see Mock-up I)
12	<p>Enter LPN#</p> <ul style="list-style-type: none"> This entry cannot be blank. <p>User will get an Error if validation failed.</p>
13	The SEARCH button will display the list based on inputs.
14	Item Inquiry LPN List Form (see Mock-up J)
15	<p>The following information will be displayed to the user:</p> <ul style="list-style-type: none"> List Header with LPN and Location/Job. List detail with Item, Tag#, Quantity. <p>The ">" will display the next form.</p>
16	Item Inquiry Item Detail Form (see Mock-up K)
17	<p>This form will display the item master record.</p> <ul style="list-style-type: none"> Item Number, Tag # and qty x of x

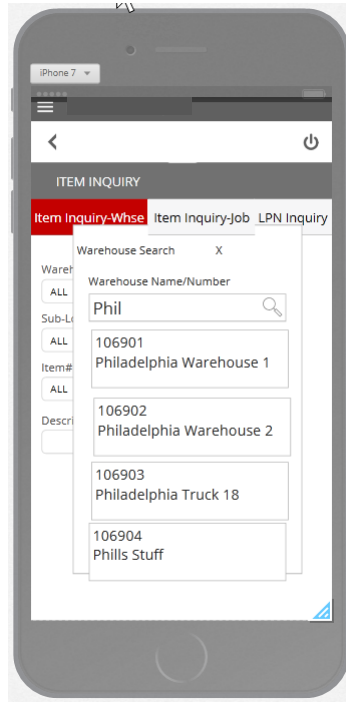


Deployed Resources

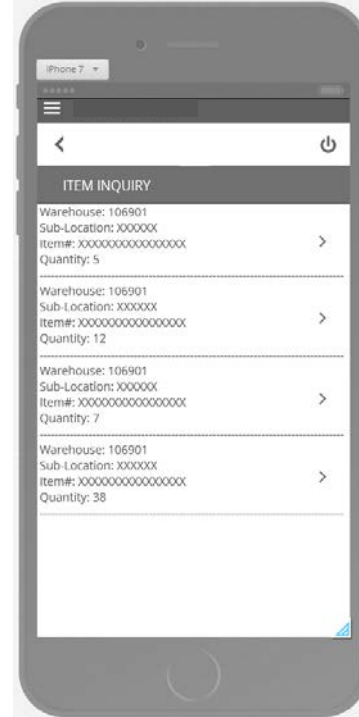
2.2.4 Mobile - Item Inquiry: Screen Mock-ups



Mock-up A



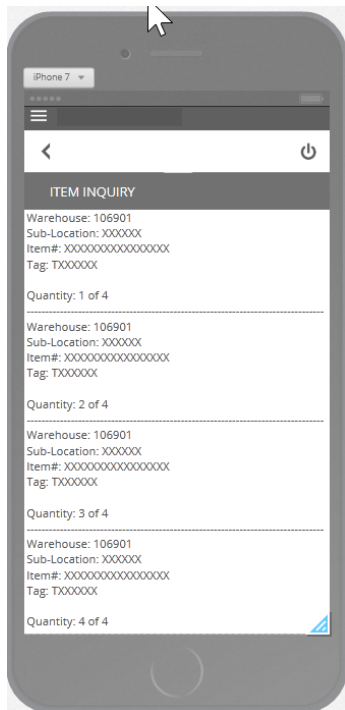
Mock-up B



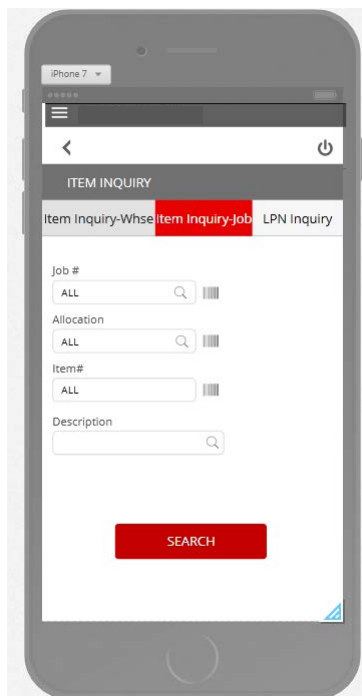
Mock-up C



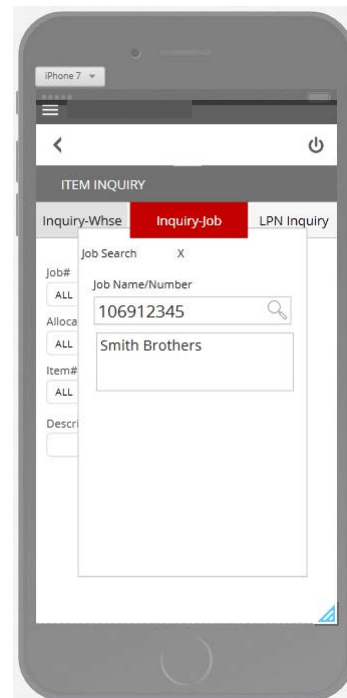
Deployed Resources



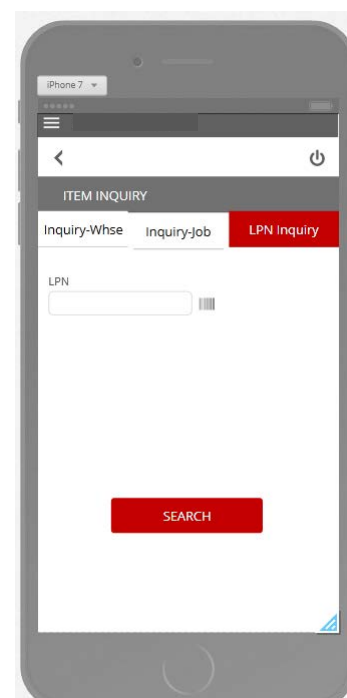
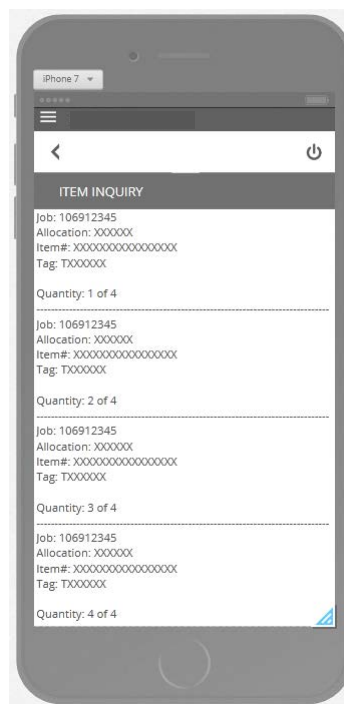
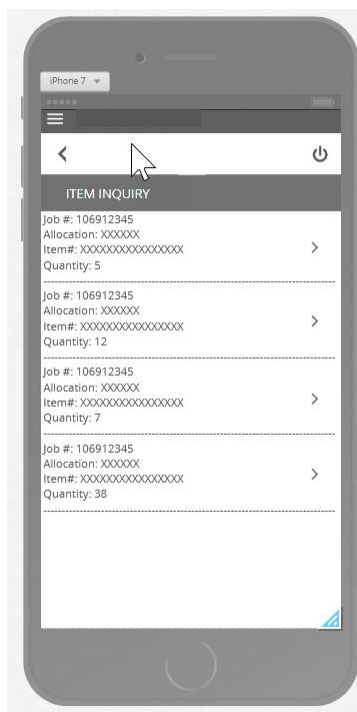
Mock-up D



Mock-up E



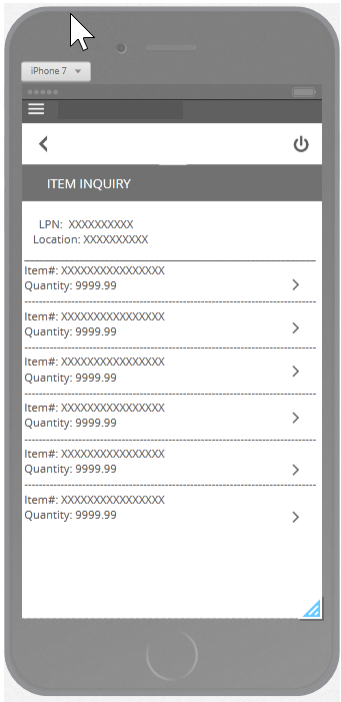
Mock-up F



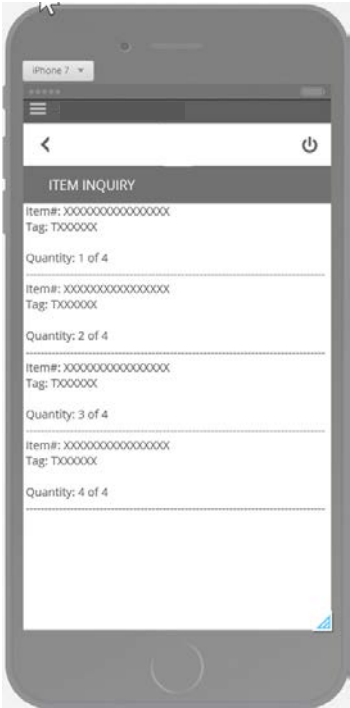


Deployed Resources

Mock-up G



Mock-up H



Mock-up I

Mock-up J

Mock-up K

2.2.5 Mobile - Item Inquiry: Keyed Values/Configuration Elements

Config Element Name	Value
TBD	TBD



Deployed Resources

2.3 Mobile – Inventory Transfer

2.3.1 Mobile – Inventory Transfer: Use Case

The Inventory Transfer application will be used to transfer Tag# from a location to another location. Additionally, Tag# can be transferred to an LPN for easier movement of multiple items. An entire LPN can be transferred from a location to another location resulting in all items associated with that LPN being transferred. The unpack will be used to remove a Tag# from an LPN.

2.3.2 Mobile – Inventory Transfer: Specific Assumptions and Dependencies

Number	Assumption / Dependency
1	This application can be used in connected or disconnected mode. Transactions will be held and processed when connected.
2	Data Replication must be performed before using this application in a disconnected mode.
3	It will be the users responsibility to make sure to Sync (Upload Transactions) as soon as communication is reached so any held transactions on the device can process. User will clearly see when transactions need to be uploaded.
4	Transfer to LPN is to move items onto an LPN only. It will not move the items to a new location.
5	Only 1 LPN will be allowed per tag#. A tag# cannot exist on multiple LPN's.
6	After scan of tag# is completed, user will process transaction. Application will perform "is connected" routine to determine if internet connection is available before processing transaction. If transaction process starts as connected and then user loses connectivity, transactions will be saved locally on the device and user will process remaining transactions via the "Upload Transactions" process. User will clearly see when transactions need to be uploaded.
7	Warehouse to Warehouse, Warehouse to Job, Job to Warehouse and Job to Job transfers are all likely scenarios.
8	Equipment can be transferred from Location to Location (allocation to allocation for job numbers).
9	A blank location (allocation) for a job number is internally designated as "off rent" while a location (allocation) L01 – L25 would be "on rent".
10	During Inventory Transfer, during scan of tag#'s, DEPLOYED RESOURCES wants ability to view tags scanned and quantity by item.

2.3.3 Mobile – Inventory Transfer: Requirements

Number	Requirement
	Inventory Transfer Form
1	Form will display 6 tabs: <ul style="list-style-type: none"> By "TAG# > Whse" will display the form to transfer Tag# to a Warehouse By "TAG# > Job" will display the form to transfer Tag# to a Job By "PACK LPN" will display the form to PACK Tag# to an LPN By "LPN > Whse" will display the form to transfer LPN to a Warehouse By "LPN > Job" will display the form to transfer LPN to a Job By "UNPACK LPN" will display the form to UNPACK Tag# from an LPN
	Inventory Transfer "TAG# > Whse" Form (see Mock-up A)
2	Enter TO Warehouse <ul style="list-style-type: none"> User will get an Error if validation failed. Search available on Warehouse description name or Warehouse number. No mock up provided. Similar to Item Inquiry search.
3	Enter TO Sub-Location <ul style="list-style-type: none"> Need a Warehouse



Deployed Resources

	<ul style="list-style-type: none"> This is not a mandatory entry. Location will need to exist in CLOUD Location Table. User will get an Error if validation failed. Search available on Sub-Location. No mock up provided. Similar to Item Inquiry search.
4	Enter Tag# <ul style="list-style-type: none"> Tag# will need to exist in CLOUD Inventory table. This entry cannot be blank. User will get an Error if validation failed. User will continue to scan Tag# until all tags have been entered. A count on scan will be displayed below the Tag# entry. A sound for successful scan and unsuccessful scan will be heard if possible with the device being used. A list of all Tag# scanned will be displayed by using an indicator.
5	Display Scanned Tags Summary (see Mock-up B) <ul style="list-style-type: none"> Will display summary by item and quantity of scanned tags
6	Display Scanned Tags Detail (See Mock-up C) <ul style="list-style-type: none"> Will display item, tag# and x of x
7	The TRANSFER button will process the transfer: <ul style="list-style-type: none"> Transfer process will determine if user is in a connected or disconnected state. If connected, transfer will process to Cloud Inventory. If disconnected, transfers are saved to internal tables on the device to be processed at a later time when connected. See Data Replication Section 2.5 on processing of disconnected transactions. User will get an Error message if unsuccessful and a message if transaction was successfully processed. User will be returned to Enter TO Warehouse prompt.
	Inventory Transfer "TAG# > Job" Form (see Mock-up D)
8	Enter TO Job <ul style="list-style-type: none"> User will get an Error if validation failed. Search available on Job description name or Job number. No mock up provided. Similar to Item Inquiry search.
9	Enter TO Allocation <ul style="list-style-type: none"> Need a Job This is not a mandatory entry. Location will need to exist in CLOUD Location Table. User will get an Error if validation failed. Search available on Allocation. No mock up provided. Similar to Item Inquiry search.
10	Enter Tag# <ul style="list-style-type: none"> Tag# will need to exist in CLOUD Inventory table. This entry cannot be blank. User will get an Error if validation failed. User will continue to scan Tag# until all tags have been entered. A count on scan will be displayed below the Tag# entry. A sound for successful scan and unsuccessful scan will be heard if possible with the device being used. A list of all Tag# scanned will be displayed by using an indicator.
11	Display Scanned Tags Summary (No Mock-up provided, similar to Mock-up B) Will display summary by item and quantity of scanned tags
12	Display Scanned Tags Detail (No Mock-up provided, similar to Mock-up C) Will display item, tag# and x of x
13	The TRANSFER button will process the transfer:



Deployed Resources

	<ul style="list-style-type: none"> Transfer process will determine if user is in a connected or disconnected state. If connected, transfer will process to Cloud Inventory. If disconnected, transfers are saved to internal tables on the device to be processed at a later time when connected. See Data Replication Section 2.5 on processing of disconnected transactions. User will get an Error message if unsuccessful and a message if transaction was successfully processed. <p>User will be returned to Enter TO Job prompt.</p>
	Inventory Transfer PACK LPN Form (see Mock-up E)
14	Enter TO LPN <ul style="list-style-type: none"> LPN will need to exist in CLOUD Inventory table. It will be possible to create a NEW LPN by using the radio button on the form. Only selected users will be allowed to create a new LPN. This entry cannot be blank. User will get an Error if validation failed.
15	Enter Tag# <ul style="list-style-type: none"> Tag# will need to exist in CLOUD Inventory table. This entry cannot be blank. User will get an Error if validation failed. User will continue to scan Tag# until all tags have been entered. A count on scan will be displayed below the Tag# entry. A sound for successful scan and unsuccessful scan will be heard if possible with the device being used. A list of all Tag# scanned will be displayed by using a radio button. No mock-up is provided for this list of tag#'s.
16	<p>The TRANSFER button will process the transfer:</p> <ul style="list-style-type: none"> User will get an Error message if unsuccessful and a message if transaction was successfully processed. User will be returned to enter "To LPN" prompt.
	Inventory Transfer by LPN > Warehouse Form (see Mock-up F)
17	Enter TO Warehouse <ul style="list-style-type: none"> User will get an Error if validation failed. Search available on Warehouse description name or number. No mock up provided. Similar to Item Inquiry search.
18	Enter TO Sub-location <ul style="list-style-type: none"> Need a Warehouse. This is not a mandatory entry. Sub-Location will need to exist in CLOUD Location Table. User will get an Error if validation failed. Search available on Sub-Location. No mock up provided. Similar to Item Inquiry search.
19	Enter LPN <ul style="list-style-type: none"> LPN will need to exist in CLOUD Inventory table. This entry cannot be blank. The LPN will need to be in the user allowed Warehouse. User will get an Error if validation failed. User will continue to scan LPN until all LPN's have been entered. A count on scan will be displayed below the LPN entry.
20	<p>The TRANSFER button will process the transfer:</p> <ul style="list-style-type: none"> User will get an Error message if unsuccessful and a message if transaction was successfully processed. User will be returned to the Enter LPN prompt.
	Inventory Transfer by LPN > Job Form (see Mock-up G)



Deployed Resources

21	Enter TO Job <ul style="list-style-type: none"> User will get an Error if validation failed. Search available on Job description name or number. No mock up provided. Similar to Item Inquiry search.
22	Enter TO Allocation <ul style="list-style-type: none"> Need a Job. This is not a mandatory entry. Sub-Location will need to exist in CLOUD Location Table. User will get an Error if validation failed. Search available on Allocation. No mock up provided. Similar to Item Inquiry search.
23	Enter LPN <ul style="list-style-type: none"> LPN will need to exist in CLOUD Inventory table. This entry cannot be blank. The LPN will need to be in the user allowed Warehouse. User will get an Error if validation failed. User will continue to scan LPN until all LPN's have been entered. A count on scan will be displayed below the LPN entry.
24	The TRANSFER button will process the transfer: <ul style="list-style-type: none"> User will get an Error message if unsuccessful and a message if transaction was successfully processed. User will be returned to the Enter LPN prompt.
Inventory Transfer UNPACK LPN Form (see Mock-up H)	
25	Enter FROM LPN <ul style="list-style-type: none"> LPN will need to exist in CLOUD Inventory table. This entry cannot be blank. User will get an Error if validation failed.
26	Enter TO Warehouse <ul style="list-style-type: none"> User will get an Error if validation failed. Search available on Warehouse description name or number. No mock up provided. Similar to Item Inquiry search.
27	Enter TO Sub-Location <ul style="list-style-type: none"> Need a Warehouse. This is not a mandatory entry. Location will need to exist in CLOUD Location Table. User will get an Error if validation failed. Search available on Location. No mock up provided. Similar to Item Inquiry search.
28	Enter Tag# <ul style="list-style-type: none"> Tag# will need to exist in CLOUD Inventory table. This entry cannot be blank. User will get an Error if validation failed. User will continue to scan Tag# until all tags have been entered. A count on scan will be displayed below the Tag# entry. A sound for successful scan and unsuccessful scan will be heard if possible with the device being used. A list of all Tag# scanned will be displayed by using an indicator. No mock-up is provided for this list of tag#'s.
29	The TRANSFER button will process the transfer: <ul style="list-style-type: none"> User will get an Error message if unsuccessful and a message if transaction was successfully processed.



Deployed Resources



Deployed Resources

2.3.4 Mobile – Inventory Transfer: Screen Mock-ups

iPhone 7

INVENTORY TRANSFER

TAG#>WHSE TAG#>JOB PACK LPN LPN>Whse LPN>Job UNPACK

TO Warehouse

TO Sub-Location

Tag#

Quantity: 999

Display Scanned Tag #

TRANSFER

Mock-Up A

iPhone 7

Inventory Transfer

Item#: XXXXXXXXXXXXXXXXXXXX
Item Description: XXXXXXXXXXXXXXXX
Quantity Scanned: XXXXX

Item#: XXXXXXXXXXXXXXXXXXXX
Item Description: XXXXXXXXXXXXXXXX
Quantity Scanned: XXXXX

Item#: XXXXXXXXXXXXXXXXXXXX
Item Description: XXXXXXXXXXXXXXXX
Quantity Scanned: XXXXX

Item#: XXXXXXXXXXXXXXXXXXXX
Item Description: XXXXXXXXXXXXXXXX
Quantity Scanned: XXXXX

Mock-Up B

iPhone 7

INVENTORY TRANSFER

Item#: XXXXXXXXXXXXXXXXXXXX
Tag: TXXXXXX

Quantity: 1 of 4

Item#: XXXXXXXXXXXXXXXXXXXX
Tag: TXXXXXX

Quantity: 2 of 4

Item#: XXXXXXXXXXXXXXXXXXXX
Tag: TXXXXXX

Quantity: 3 of 4

Item#: XXXXXXXXXXXXXXXXXXXX
Tag: TXXXXXX

Quantity: 4 of 4

Mock-Up C

iPhone 7

INVENTORY TRANSFER

TAG#>WHSE TAG#>JOB PACK LPN LPN>Whse LPN>Job UNPACK

TO Job

TO Allocation

Tag#

Quantity: 999

Display Scanned Tag #

TRANSFER

iPhone 7

INVENTORY TRANSFER

TAG#>WHSE TAG#>JOB PACK LPN LPN>Whse LPN>Job UNPACK

TO LPN

Tag#

Quantity: 999

Display Scanned Tag #

TRANSFER

iPhone 7

INVENTORY TRANSFER

TAG#>WHSE TAG#>JOB PACK LPN LPN>Whse LPN>Job UNPACK

FROM LPN

TO WHSE

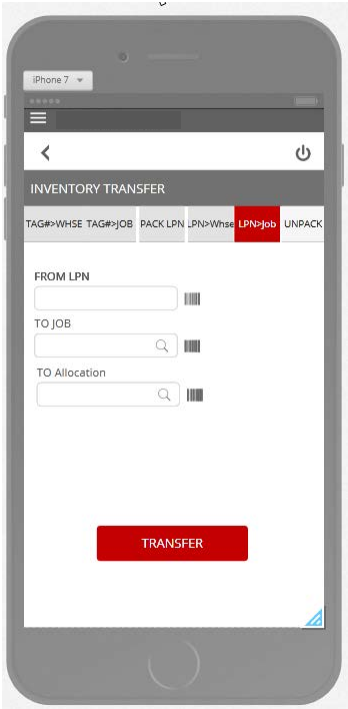
TO Sub-Location

TRANSFER

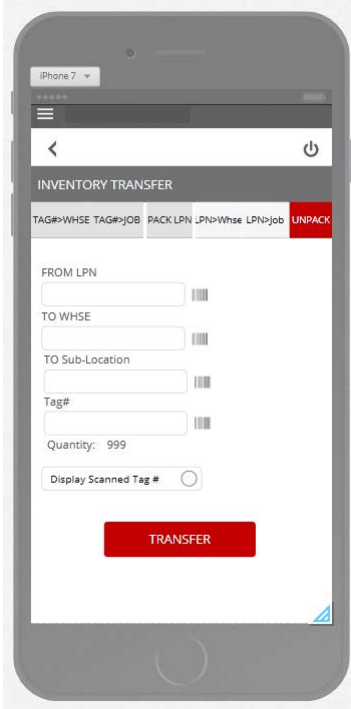


Deployed Resources

Mock-up D



Mock-up E



Mock-up F

Mock-up G

Mock-up H

2.3.5 Mobile – Inventory Transfer: Keyed Values/Configuration Elements

Config Element Name	Value
TBD	TBD



Deployed Resources

2.4 Mobile – Transaction Inquiry

2.4.1 Mobile – Transaction Inquiry: Use Case

Transaction Inquiry will be used to inquire by Item or by Location to view Historical inventory transaction information. The user will have an initial option to populate Item and or Location, from date, to date.

2.4.2 Mobile – Transaction Inquiry: Specific Assumptions and Dependencies

Number	Assumption / Dependency
1	This application is available in a connected mode only.

2.4.3 Mobile – Transaction Inquiry: Requirements

Number	Requirement
	Transaction Inquiry Form
1	Form will display 3 tabs: <ul style="list-style-type: none"> By “By Item-Whse” will display the screen to display Item transactions from a warehouse By “By Item-Job” will display the screen to display Item transactions from a job By “By LPN” will display the screen to display LPN transactions
	Transaction Inquiry Item Form by Warehouse (<i>see Mock-up A</i>)
2	Enter Warehouse <ul style="list-style-type: none"> User will get an Error if validation failed. Search available on Warehouse description name or Warehouse number. No mock up provided. Similar to Item Inquiry search.
3	Enter Sub-Location <ul style="list-style-type: none"> Need a Warehouse. This is not a mandatory entry. Location will need to exist in CLOUD Location Table. User will get an Error if validation failed. Search available on Location. No mock up provided. Similar to Item Inquiry search.
4	Enter Item <ul style="list-style-type: none"> Item will need to exist in CLOUD Inventory table. User will get an Error if validation failed.
5	Enter Description (search only)
6	Enter Tag# <ul style="list-style-type: none"> Tag# will need to exist in CLOUD Inventory table. User will get an Error if validation failed.
7	Enter FROM Date <ul style="list-style-type: none"> If no date entered, all history will be displayed.
8	Enter TO Date <ul style="list-style-type: none"> Will default to current date.
9	The SEARCH button will display the list based on inputs.
	Transaction Inquiry Item List Form (<i>see Mock-up B</i>)
10	The following information will be displayed to the user: <ul style="list-style-type: none"> Warehouse, Location, Item, Tag#, Transaction Type, Transaction date and Time. The “>” will display the next form.
	Transaction Inquiry Item Detail Form (<i>see Mock-up C</i>)
11	This form will display the transaction detail record.



Deployed Resources

	Transaction Inquiry Item Form by Job (<i>see Mock-up D</i>)
12	Enter Job# <ul style="list-style-type: none"> User will get an Error if validation failed. Search available on Job description name or Job number. No mock up provided. Similar to Item Inquiry search.
13	Enter Allocation <ul style="list-style-type: none"> Need a Job#. This is not a mandatory entry. Location will need to exist in CLOUD Location Table. User will get an Error if validation failed. Search available on Location. No mock up provided. Similar to Item Inquiry search.
14	Enter Item <ul style="list-style-type: none"> Item will need to exist in CLOUD Inventory table. User will get an Error if validation failed.
15	Enter Description (search only)
16	Enter Tag# <ul style="list-style-type: none"> Tag# will need to exist in CLOUD Inventory table. User will get an Error if validation failed.
17	Enter FROM Date <ul style="list-style-type: none"> If no date entered, all history will be displayed.
18	Enter TO Date <ul style="list-style-type: none"> Will default to current date.
19	The SEARCH button will display the list based on inputs.
	Transaction Inquiry Item List Form (<i>see Mock-up E</i>)
20	The following information will be displayed to the user: <ul style="list-style-type: none"> Warehouse/Job#, Location, Item, Tag#, Transaction Type, Transaction date and Time. The ">" will display the next form.
	Transaction Inquiry Item Detail Form (<i>see Mock-up F</i>)
21	This form will display the transaction detail record.
	Transaction Inquiry LPN Form (<i>see Mock-up G</i>)
22	Enter LPN# <ul style="list-style-type: none"> This entry cannot be blank. User will get an Error if validation failed.
23	The SEARCH button will display the list based on LPN input.
	Transaction Inquiry LPN List Form (<i>see Mock-up H</i>)
24	The following information will be displayed to the user: <ul style="list-style-type: none"> Warehouse/Job, Location, Item, Tag#, Transaction Type, Transaction date and Time. The ">" will display the next form.
	Transaction Inquiry LPN Detail Form (<i>see Mock-up I</i>)
25	This form will display the transaction detail record.



Deployed Resources

2.4.4 Mobile – Transaction Inquiry: Screen Mock-ups

iPhone 7

TRANSACTION INQUIRY

By Item-Whse By Item-Job By LPN

Warehouse
ALL

Sub-Location
ALL

Item#
ALL

Description

Tag#
ALL

FROM Date
mm/dd/yyyy

TO Date
3/13/2018

SEARCH

Mock-up A

iPhone 7

TRANSACTION INQUIRY

Warehouse: 999999
Sub-Location: XXXXXXXXXX
Item#: XXXXXXXXXX
Tag#: T9999999
Transaction Type: XXXXXXXXXX
Date: MM/DD/YYYY HH:MM:SS

Warehouse: 999999
Sub-Location: XXXXXXXXXX
Item#: XXXXXXXXXX
Tag#: T9999999
Transaction Type: XXXXXXXXXX
Date: MM/DD/YYYY HH:MM:SS

Warehouse: 999999
Sub-Location: XXXXXXXXXX
Item#: XXXXXXXXXX
Tag#: T9999999
Transaction Type: XXXXXXXXXX
Date: MM/DD/YYYY HH:MM:SS

Warehouse: 999999
Sub-Location: XXXXXXXXXX
Item#: XXXXXXXXXX
Tag#: T9999999
Transaction Type: XXXXXXXXXX
Date: MM/DD/YYYY HH:MM:SS

Mock-up B

iPhone 7

TRANSACTION INQUIRY

Item#: XXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
Vendor: 999999
MF Item: XXXXXXXXXX
Tag#: T9999999
Warehouse/Job: 999999
Location: XXXXXXXXXX
On Hand: 9999.99
From Warehouse/Job: 999999
From Location: XXXXXXXXXX
From LPN: XXXXXXXXXX
Trans Type: XXXXXXXXXX
Reference #:
Date: MM/DD/YYYY HH:MM:SS
User: XXXXXXXXXX

Mock-Up C

iPhone 7

TRANSACTION INQUIRY

By Item-Whse By Item-Job By LPN

Job#
ALL

Allocation
ALL

Item#
ALL

Description

Tag#
ALL

FROM Date
mm/dd/yyyy

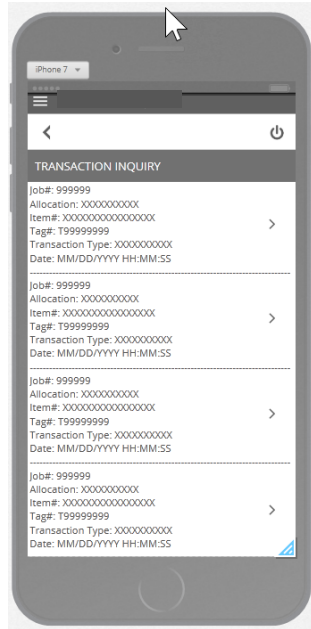
TO Date
3/13/2018

SEARCH

Mock-Up D



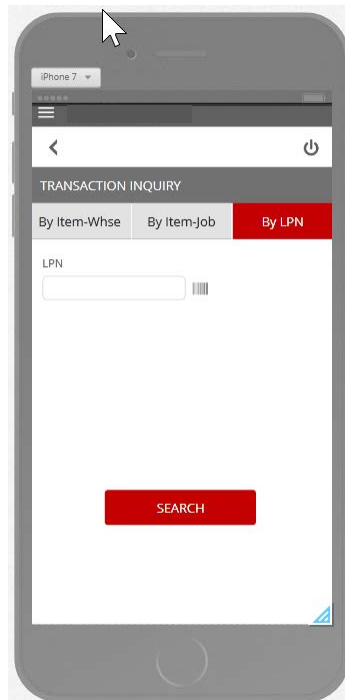
Deployed Resources



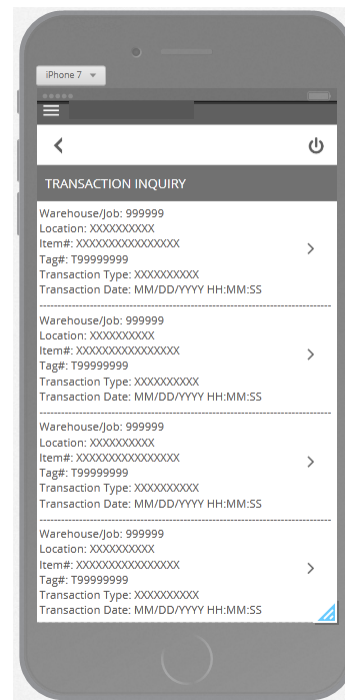
Mock-up E



Mock-up F



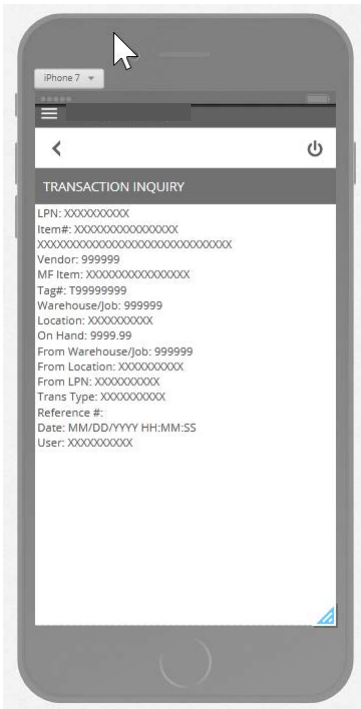
Mock-Up G



Mock-Up H



Deployed Resources



Mock-up I

Mobile – Transaction Inquiry: Keyed Values/Configuration Elements

Config Element Name	Value
TBD	TBD



Deployed Resources

2.5 Mobile – Data Replication

2.5.1 Mobile – Data Replication: Use Case

This process allows the user to perform the Inventory Transfer application in an offline or disconnected state. Application is designed to download all information needed to perform a transfer to the user device. User can then work either on-line or off line depending on connection. If offline, user will be expected to upload completed transactions when re-gaining communications.

2.5.2 Mobile – Data Replication: Specific Assumptions and Dependencies

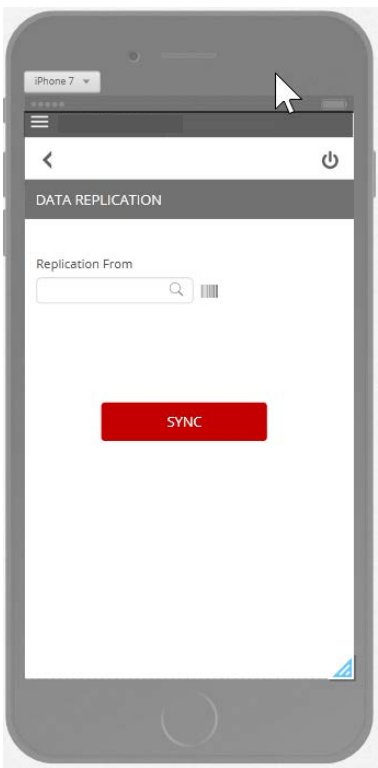
Number	Assumption / Dependency
1	This application can be used in connected Mode only.
2	Potential filtering based on user profile will need to be reviewed with DEPLOYED RESOURCES team. Large amounts of data (inventory records, locations, etc.) as well as connection speed will be factors in the time the data replication is in process.

2.5.3 Mobile – Data Replication: Requirements

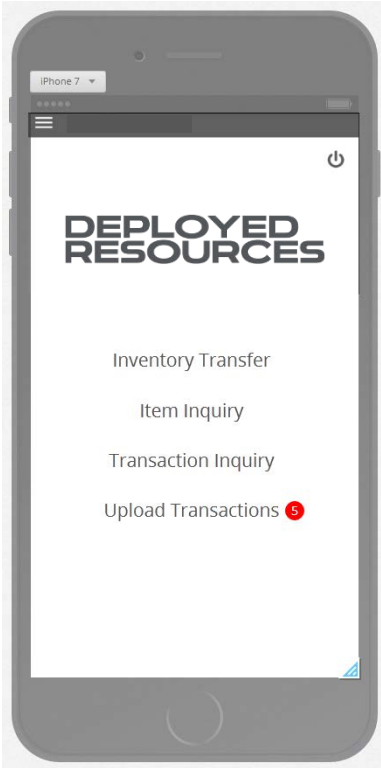
Number	Requirement
	Data Replication Form (<i>see Mock-up A</i>)
1	Enter Replication From <ul style="list-style-type: none"> Search is available. User will get an Error if validation failed. Search available on “Replication From” description name or number. No mock up provided. Similar to Item Inquiry search.
2	Press Synch button <ul style="list-style-type: none"> Only messages displayed are error messages if Synch is not successful Successful Synch will return user to Main Menu screen
	Data Upload Form (<i>see Mock-up B</i>)
3	Device will display “Upload Transactions” in place of “Data Replication” menu button if inventory transfer transactions are held on the device waiting on upload.
4	Press Upload Transaction button to process transactions stored on the device.
5	Upon successful upload of transactions, button will change back to “Data Replication” <ul style="list-style-type: none"> Further data replication will not be allowed if unprocessed transactions are stored on the device.



2.5.4 Mobile – Transaction Inquiry: Screen Mock-ups



Mock-up A



Mock-up B

2.5.5 Mobile – Data Replication: Keyed Values/Configuration Elements

Config Element Name	Value
TBD	TBD



Deployed Resources

2.6 Cloud Inventory Reporting

2.6.1 Cloud Inventory Reporting: Use Case

Reporting will be used to extract and run various reports and visualizations that will enable the DEPLOYED RESOURCES team to view and understand their Cloud Inventory.

2.6.2 Cloud Inventory Reporting: Specific Assumptions and Dependencies

Number	Assumption / Dependency
1	Security will be an aspect of who may run and view reports. Only selected users will be able to run reports and security may be in place to limit the data that a user would see on the report.
2	Operational Insights is a configured part of reporting but is not part of phase 1 activities. Operational insights provides metrics on individual transactions (like number of picks) and is not applicable to phase 1 transactions. No set up will be required for phase 1 transactions.

2.6.3 Cloud Inventory Reporting: Requirements

Number	Requirement
1	Reporting – DSI Created Reports DSI will create the following reports (included in the Mock-Up screens) <ul style="list-style-type: none"> • Net Transactions with Locations • Net Transactions with Barcodes • Equipment Owned by my Office • Tagged Equipment by Location – Equipment out on Jobs • Job Transaction Detail/Bill of Lading • Tagged Equipment by Location – Equipment in my Warehouse
2	Reporting – Ad-Hoc <ul style="list-style-type: none"> • DEPLOYED RESOURCES will have two user licenses that will enable the creation of ad-hoc reports or reports that have not yet been defined.
3	Reporting – Platform Metrics <ul style="list-style-type: none"> • Provides visibility into your transactional processes and application performance, including details about your transaction volume, processing time, and user behavior. Allows DEPLOYED RESOURCES to monitor transaction trends, diagnose errors, and improve the user experience.
4	Reporting – Warehouse Insights <ul style="list-style-type: none"> • Provides comprehensive insights to manage all warehouse activities necessary to coordinate the arrival, receiving, storage, packing, and shipping of inventory.
5	Reporting - Operational Insights – Not part of phase 1 <ul style="list-style-type: none"> • Provides visibility into your warehouse processes, including details about your employee performance and movement of items and locations. DEPLOYED RESOURCES will be able to diagnose friction points, monitor trends, and make informed decisions about warehouse operations. Configuration of operational insights will not be part of phase 1 reporting.



Deployed Resources



Deployed Resources

2.6.4 Cloud Inventory Reporting: Screen Mock-ups

Net Transactions with Locations

R554111027
BEL0001
JPD920

Net Transactions with Sublocations

2/12/2018 12:24:48
Page - 1 of 5

Job Number 102319627

Job Name Monumental Church - MIT

Sublocation

<u>Item Description</u>	<u>Item Number</u>	<u>Tag #</u>	<u>Qty</u>	<u>UOM</u>	<u>Date Sent</u>	<u>Date Returned</u>
CHEMICALS						
Disinfectant/Antimicrobial	C0269		23.00	GA		
CONSUMABLES						
Bags, Trash, 3 mm, Black	C0208		252.00	EA		
Box, 3.1 cu ft	C0706		120.00	EA		
Filter, Pleated 16x16x2	C0536		5.00	EA		
Lumber, 1x3x8	C0746		30.00	EA		
Moving Blanket	C0331		250.00	EA		
Nails, Roofing, 1.5"	C0751		1.00	LB		
Poly Sheeting, 4 mm, 20 x100	C0337		2.00	EA		
Poly Sheeting, 6 mm, 20 x 100	C0338		2.00	EA		



Deployed Resources

Net Transactions with Barcodes

R554111026

BEL0001

JPT 620

Job Number 102319627









Job Name Monumental Church - MIT

Sub Location

Net Transactions with Barcodes

2/13/2018 11:24:19

Page - 1 of 14

<u>Item Description</u>	<u>Item Number</u>	<u>Tag #</u>	<u>Qty</u>	<u>UOM</u>	<u>Date Sent</u>	<u>Date Returned</u>
CHEMICALS						
Disinfectant/Antimicrobial	C0269		23.00	GA		 * c 0 2 6 9 *
CONSUMABLES						
Bags, Trash, 3 mm, Black	C0208		252.00	EA		 * c 0 2 0 8 *
Box, 3.1 cu ft	C0706		120.00	EA		 * c 0 7 0 6 *
Filter, Pleated 16x16x2	C0536		5.00	EA		 * c 0 5 3 6 *
Lumber, 1x3x8	C0746		30.00	EA		 * c 0 7 4 6 *
Moving Blanket	C0331		250.00	EA		 * c 0 3 3 1 *
Nails, Roofing, 1.5"	C0751		1.00	LB		 * c 0 7 5 1 *
Poly Sheeting, 4 mm, 20 x100	C0337		2.00	EA		 * c 0 3 3 7 *



Deployed Resources

Equipment Owned by my Office

R554102140
BEL0001
JPD920

Sort by Item Description

Equipment Owned by my Office
Company: 01195 - St Louis

2/13/2018 10:13:55
Page - 1 of 22

Item #	Item Desc	Tag Number	Mfg Name	Current Location	Sub Location	Office	Date Arrived	Days @ Location
E0401	Air Compressor, Electric	T176020	PORTER CABLE 150 PSI	119501	St Louis Operations	St Louis	6/1/2017	257
E0401	Air Compressor, Electric	T176021	PORTER CABLE 150 PSI	119501	St Louis Operations	St Louis		0
E0401	Air Compressor, Electric	T176023	BOSTITCH	119501	St Louis Operations	St Louis	1/17/2018	27
E0401	Air Compressor, Electric	T176144	KOBALT 30 GAL	119501	St Louis Operations	St Louis		0
E0401	Air Compressor, Electric	T176263	PORTER CABLE C2002	119501	St Louis Operations	St Louis		0
E0404	Air Filtration Device	T111296	RED ABATEMENT TECHNO	119601	Columbia, MO Operations	Columbia, MO	10/27/2017	109
E0404	Air Filtration Device	T120667	RED ABATEMENT TECHNO	119601	Columbia, MO Operations	Columbia, MO	7/26/2017	202
E0404	Air Filtration Device	T176001	DRI EAZ HEPA 500	119501	St Louis Operations	St Louis	12/2/2017	73
E0404	Air Filtration Device	T176002	DRI EAZ HEPA 500	119501	St Louis Operations	St Louis	10/4/2017	132
E0404	Air Filtration Device	T176233	DRI EAZ HEPA 500	119501	St Louis Operations	St Louis	1/30/2018	14
E0404	Air Filtration Device	T176234	DRI EAZ HEPA 500	119501	St Louis Operations	St Louis	1/30/2018	14
E0404	Air Filtration Device	T176236	ABATEMENT TECHNOLOGI	119501	St Louis Operations	St Louis	1/30/2018	14
E0404	Air Filtration Device	T176411	THERMASTOR TEMPEST	119501	St Louis Operations	St Louis	10/6/2017	130
E0404	Air Filtration Device	T233519	PHOENIX - 4024774	119541286	Red Brick 407 Jackson 012318	St Louis	2/6/2018	7
E0404	Air Filtration Device	T234024	PHOENIX	119541048	CITYPLACE TWO	St Louis	1/20/2018	24
E0404	Air Filtration Device	T234025	PHOENIX	119501	St Louis Operations	St Louis	1/29/2018	15
E0404	Air Filtration Device	T234026	THERMASTOR	119501	St Louis Operations	St Louis	3/8/2017	342
E0404	Air Filtration Device	T234027	PHOENIX	119541048	CITYPLACE TWO	St Louis	1/20/2018	24
E0404	Air Filtration Device	T234028	PHOENIX	119501	St Louis Operations	St Louis		0
E0404	Air Filtration Device	T234029	PHOENIX	119501	St Louis Operations	St Louis		0
E0404	Air Filtration Device	T234030	DRY AIR	119501	St Louis Operations	St Louis		0
E0404	Air Filtration Device	T234031	PHOENIX	119501	St Louis Operations	St Louis	1/17/2018	27
E0404	Air Filtration Device	T234033	PHOENIX	119501	St Louis Operations	St Louis	11/15/2017	90
E0404	Air Filtration Device	T234034	PHOENIX 01-44000-02	119501	St Louis Operations	St Louis	10/9/2017	127
E0404	Air Filtration Device	T234036	PHOENIX TWISTER	119501	St Louis Operations	St Louis	1/29/2018	15
E0404	Air Filtration Device	T234070	MINUTEMAN E20BDQP	119501	St Louis Operations	St Louis	3/20/2017	330
E0404	Air Filtration Device	T234313	PHOENIX FORCE 9	119501	St Louis Operations	St Louis	1/25/2018	19
E0404	Air Filtration Device	T234382	PHOENIX	119501	St Louis Operations	St Louis	1/25/2018	19
E0404	Air Filtration Device	T234383	PHOENIX TEMPEST	119501	St Louis Operations	St Louis	8/16/2017	181
E0404	Air Filtration Device	T234495	RED ABATEMENT TECH	119501	St Louis Operations	St Louis	11/24/2017	81
E0404	Air Filtration Device	T37416	ABATEMENT TECHNOLOGI	119501	St Louis Operations	St Louis	1/25/2018	19
E0404	Air Filtration Device	T37436	ABATEMENT TECHNOLOGI	119601	Columbia, MO Operations	Columbia, MO	11/27/2017	78
E0404	Air Filtration Device	T37439	ADVANCE CONTAINMENT	119601	Columbia, MO Operations	Columbia, MO	8/24/2017	173
E0404	Air Filtration Device	T37443	ABATEMENT TECHNOLOGI	119601	Columbia, MO Operations	Columbia, MO	11/27/2017	78
E0404	Air Filtration Device	T37452	ABATEMENT TECHNOLOGI	119601	Columbia, MO Operations	Columbia, MO	11/27/2017	78
E0404	Air Filtration Device	T38141	ABATEMENT TECHNOLOGI	119501	St Louis Operations	St Louis	7/30/2017	198
E0404	Air Filtration Device	T38151	ABATEMENT TECHNOLOGI	119501	St Louis Operations	St Louis	1/9/2018	35
E0404	Air Filtration Device	T38154	ABATEMENT TECHNOLOGI	119501	St Louis Operations	St Louis	4/15/2016	669
E0404	Air Filtration Device	T38400	ABATEMENT TECHNOLOGI	119501	St Louis Operations	St Louis	1/30/2018	14
E0404	Air Filtration Device	T38461	ABATEMENT TECHNOLOGI	119501	St Louis Operations	St Louis	7/7/2017	221
E0404	Air Filtration Device	T38469	ABATEMENT TECHNOLOGI	119501	St Louis Operations	St Louis	12/31/2017	44



Deployed Resources

Tagged Equipment by Location – Equipment out on Jobs

2/541021	Only Jobs Included	Tagged Equipment by Location					2/13/2018	10:39:59	
BEL0005	Sort by Job Name	Equipment out on Jobs					Page -	1 of 2	
JPD920									
Item #	Item Desc	Tag Number	Mfg Name	Previous Location	Previous Sub Location	Current Location	Current Sub Location	Date Arrived	Days @ Location
E0403	Air Movers/Carpet Blowers	T65641	DRIEAZ 7504BE	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
E0403	Air Movers/Carpet Blowers	T65644	DRIEAZ 7504BE	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
E0403	Air Movers/Carpet Blowers	T65647	DRIEAZ 7504BE	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
E0403	Air Movers/Carpet Blowers	T65648	DRIEAZ 7504BE	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
E0403	Air Movers/Carpet Blowers	T65780	DRIEAZ 7504BE	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
E1140	Dehumidifier, LGR, L	T65856	DRI EAZ EVOLUTION	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
E1141	Dehumidifier, LGR, XL	T65794	DRIEAZ 4712BE	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
E1141	Dehumidifier, LGR, XL	T65798	DRIEAZ 4712BE	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
E1141	Dehumidifier, LGR, XL	T65889	DRI EAZ 1200	104501 Richmond Operations		104513641 Colonial Ridge Apts.		2/6/2018	7
Location Tag Count =			9						
E0404	Air Filtration Device	T110310	ABATEMENT TECHNOLO	104501 Richmond Operations		104513635 Hightstreet Lofts		2/7/2018	6
E0404	Air Filtration Device	T110312	ABATEMENT TECHNOLO	104501 Richmond Operations		104513635 Hightstreet Lofts		2/7/2018	6
E0404	Air Filtration Device	T110313	ABATEMENT TECHNOLO	104501 Richmond Operations		104513635 Hightstreet Lofts		2/7/2018	6
E0404	Air Filtration Device	T65860	ABATEMENT TECHNOLO	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0404	Air Filtration Device	T65861	ABATEMENT TECHNOLO	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0404	Air Filtration Device	T65862	ABATEMENT TECHNOLO	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0404	Air Filtration Device	T65863	ABATEMENT TECHNOLO	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0404	Air Filtration Device	T65868	ABATEMENT TECHNOLO	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0553	Ladder, 6'	T110170	WERNER 6'	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0553	Ladder, 6'	T110171	WERNER 6'	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0553	Ladder, 6'	T110173	WERNER 6'	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0553	Ladder, 6'	T110176	WERNER 6'	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0558	Ladder, 8'	T110157	WERNER 8'	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
E0558	Ladder, 8'	T110161	WERNER 8'	104501 Richmond Operations		104513635 Hightstreet Lofts		1/25/2018	19
Location Tag Count =			14						
E0403	Air Movers/Carpet Blowers	T110431	DRIEAZ F351-BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T110439	DRIEAZ F351-BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T110475	DRIEAZ F351-BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T110497	DRIEAZ F351-BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T65643	DRIEAZ 7504BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T65663	DRIEAZ F351-BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T65672	DRIEAZ F351-BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T65782	DRIEAZ 7504BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T65784	DRIEAZ 7504BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E0403	Air Movers/Carpet Blowers	T65786	DRIEAZ 7504BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E1140	Dehumidifier, LGR, L	T110409	DRI EAZ LGR 2000	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E1140	Dehumidifier, LGR, L	T110411	DRI EAZ LGR 2000	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E1140	Dehumidifier, LGR, L	T110412	DRI EAZ LGR 2000	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E1141	Dehumidifier, LGR, XL	T65787	DRIEAZ 4712BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
E1141	Dehumidifier, LGR, XL	T65790	DRIEAZ 4712BE	104501 Richmond Operations		104513642 VCU Brandt Hall		2/7/2018	6
Location Tag Count =			15						



Deployed Resources

Job Transaction Detail/Bill of Lading

Job Transaction Detail / Bill of Lading

Shipment Date: 2/9/2018

DEPLOYED
RESOURCES

Job Number 103413504
Job Name Reddig, Perry (PNI) - EMS
Division 05
Year 18
Sub Location

Job Site Address:
Reddig, Perry (PNI) - EMS
11 Marsha Drive
Delran NJ 08075

Item Description	Item #	Qty	UOM	Tag #	User ID	Time
CONSUMABLES						
Bags, Trash, 3 mm, Black	C0208	100.00	EA		BJMURPHY	11:09:14
Bags, Trash, 3 mm, Black	C0208	2.00	EA		BJMURPHY	11:19:11
Box, 3.1 cu ft	C0706	7.00	EA		BJMURPHY	10:54:39
Can, Garbage, 45 gal	C0589	4.00	EA		BJMURPHY	11:19:10
Chalk Lines	C0593	1.00	EA		BJMURPHY	11:19:18
Filter, LGR7000 11-7/8x11-3/4	C1536	3.00	EA		BJMURPHY	11:19:18
Filter, Shop Vac	C0651	1.00	EA		BJMURPHY	11:19:17
Gloves, Latex Coated, M	C1496	1.00	PR		BJMURPHY	11:09:17
Gloves, Latex Coated, XL	C1498	1.00	PR		BJMURPHY	11:19:14
Tape, BELFOR	C1237	1.00	RL		BJMURPHY	10:54:38
Tape, Shrink, 6"	C0991	1.00	RL		BJMURPHY	11:09:13



Deployed Resources

Tagged Equipment by Location – Equipment in my Warehouse

R5541021	No Jobs Included	Tagged Equipment by Location	2/12/2018	8:07:26					
BEL0002	Sort by Job Name	Equipment in my Warehouse	Page -	1 of 10					
JPD920									
Item #	Item Desc	Tag Number	Mfg Name	Previous Location	Previous Sub Location	Current Location	Current Sub Location	Date Arrived	Days @ Location
E0401	Air Compressor, Electric	T149798	SEARS			103725 Fenton Operations			0
E0401	Air Compressor, Electric	T149827	CENTRAL PNEUMATIC			103725 Fenton Operations			0
E0404	Air Filtration Device	T135084	ABATEMENT TECH BEL	103716963 LEXINGTON VILLAGE (1-2-17		103725 Fenton Operations		1/6/2017	402
E0404	Air Filtration Device	T144146	PAS 2000	103716963 LEXINGTON VILLAGE (1-2-17		103725 Fenton Operations		1/6/2017	402
E0404	Air Filtration Device	T149505	PAS 2400	103716832 VOYTAS, JOHN		103725 Fenton Operations		9/1/2016	529
E0404	Air Filtration Device	T149507	PAS 2400	103716832 VOYTAS, JOHN		103725 Fenton Operations		9/1/2016	529
E0404	Air Filtration Device	T149538	PAS 2000	119300139 FARIS, LESA		103725 Fenton Operations		4/21/2016	662
E0404	Air Filtration Device	T217147	ABATEMENT TECHEPA	103716487 MCGEE, STEVE		103725 Fenton Operations		11/24/2015	811
E0404	Air Filtration Device	T57023	ABATEMENT TECH	118401109 YALDA, DAVID		103725 Fenton Operations		6/28/2015	960
E0404	Air Filtration Device	T57041	ABATEMENT TECH PAS	103716993 VIRGA, ADAM		103725 Fenton Operations		2/28/2017	349
E0403	Air Movers/Carpet Blowers	T111462	DRI EAZ F 351-BE	119300236 LEFLER, JULIE		103725 Fenton Operations		11/6/2016	463
E0403	Air Movers/Carpet Blowers	T133505	PHOENIX	103716854 SOMERSET CAPITAL GRILL		103725 Fenton Operations		9/14/2016	516
E0403	Air Movers/Carpet Blowers	T133506	WINDSTORM	103716854 SOMERSET CAPITAL GRILL		103725 Fenton Operations		9/14/2016	516
E0403	Air Movers/Carpet Blowers	T133507	WINDSTORM	119300214 EDWARDS, DENISE		103725 Fenton Operations		9/21/2016	509
E0403	Air Movers/Carpet Blowers	T133508	WINDSTORM	119300214 EDWARDS, DENISE		103725 Fenton Operations		9/21/2016	509
E0403	Air Movers/Carpet Blowers	T133509	WINDSTORM	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133511	PHOENIX	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133512	PHOENIX	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133513	WINDSTORM	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133514	PHOENIX	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133516	WINDTORM	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133517	WINDTORM	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133518	WINDTORM	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133519	WINDTORM	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133520	WINDTORM	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133522	WINDTORM	119300256 BUTTS, KIM		103725 Fenton Operations		12/24/2016	415
E0403	Air Movers/Carpet Blowers	T133524	WINDTORM	103715877 TRINITY		103725 Fenton Operations		8/17/2014	1,275
E0403	Air Movers/Carpet Blowers	T133525	WINDTORM	119300149 HURLEY MEDICAL CENTER		103725 Fenton Operations		5/23/2016	630
E0403	Air Movers/Carpet Blowers	T133526	WINDTORM	103715877 TRINITY		103725 Fenton Operations		8/17/2014	1,275
E0403	Air Movers/Carpet Blowers	T133527	WINDTORM	103715877 TRINITY		103725 Fenton Operations		8/17/2014	1,275
E0403	Air Movers/Carpet Blowers	T133528	WINDTORM	119300149 HURLEY MEDICAL CENTER		103725 Fenton Operations		5/22/2016	631
E0403	Air Movers/Carpet Blowers	T133529	WINDTORM	103715877 TRINITY		103725 Fenton Operations		8/17/2014	1,275
E0403	Air Movers/Carpet Blowers	T133531	WINDTORM	103716096 FIRSTEN, ROBERT & CINDY		103725 Fenton Operations		11/28/2014	1,172
E0403	Air Movers/Carpet Blowers	T133532	WINDTORM	118401150 MORRIS, IAN		103725 Fenton Operations		8/15/2015	912
E0403	Air Movers/Carpet Blowers	T133533	WINDTORM	103716096 FIRSTEN, ROBERT & CINDY		103725 Fenton Operations		11/24/2014	1,176
E0403	Air Movers/Carpet Blowers	T133534	WINDTORM	118401150 MORRIS, IAN		103725 Fenton Operations		8/15/2015	912
E0403	Air Movers/Carpet Blowers	T133536	WINDTORM	103716096 FIRSTEN, ROBERT & CINDY		103725 Fenton Operations		11/24/2014	1,176
E0403	Air Movers/Carpet Blowers	T133537	WINDTORM	103716096 FIRSTEN, ROBERT & CINDY		103725 Fenton Operations		11/24/2014	1,176
E0403	Air Movers/Carpet Blowers	T133538	PHOENIX	119300236 LEFLER, JULIE		103725 Fenton Operations		11/6/2016	463
E0403	Air Movers/Carpet Blowers	T133543	PHOENIX	119300133 YOTT, LISA		103725 Fenton Operations		4/4/2016	679
E0403	Air Movers/Carpet Blowers	T133547	PHOENIX	119300133 YOTT, LISA		103725 Fenton Operations		4/4/2016	679
E0403	Air Movers/Carpet Blowers	T133549	WINDSTORM	103715877 TRINITY		103725 Fenton Operations		8/17/2014	1,275



3.0 Discussed Not in Scope or Future Enhancement

- Data – There is a one time upload planned for serial numbered items into Cloud Inventory but future state will require DEPLOYED RESOURCES to add new items using standard Cloud Inventory processes.
- For future phases, DEPLOYED RESOURCES will have consumables that will not have a tag# associated with the item. Some processes/screens will have to change or be added to accommodate the consumables process. For example, the Inventory Transfer will need to have another “tab” to accommodate the consumables process where the From location and quantity will have to be entered. This is not in scope for this phase of the project.



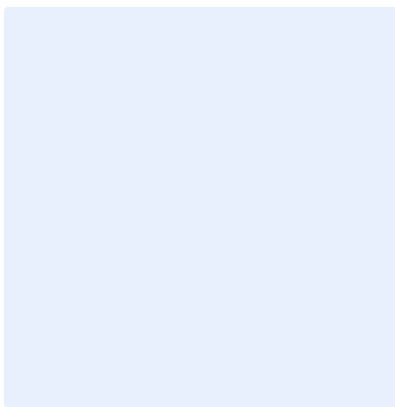
Deployed Resources

4.0 Open Items



Appendix B Sample Change Order

Change Order



Deployed Resources

Click or tap here to enter text.

Estimate No.: Click or tap here to enter text.

DATE :



Table Of Contents

1 Amendment of DSI Project.....3

2 Change Objective3

3 DSI Solution.....3

4 Customer Requirements.....4

5 Cost.....4

6 Acceptance of Change Order.....5

DS
BC

DS
MPBill

1 Amendment of DSI Project

Data Systems International, Inc. (DSI) and CUSTOMER NAME ("Customer") have previously entered into an agreement for DSI to provide specified services to Customer ("Original Project"). The Original Project is identified in DSI's systems as:

DSI Project #: SAMPLE

DSI Project Name: SAMPLE

By signing this Change Order (CO), Customer authorizes and approves a change to the scope and budgeted hours and fees for the Original Project as described in this document. This Change Order amends the Original Project separate from and in addition to any other Change Orders signed by Customer. This Change Order only amends project scope and associated hours and fees for implementation of the components outlined in this Change Order.

Customer hereby engages DSI to perform the activities described herein.

2 Change Objective

Customer has requested changes from the original SOW to something on their project. Requested changes are detailed in Section 3 below.

Project Assumptions

This CO assumes that the implementation of the Service under this CO is performed jointly with Customer as a cooperative, hands-on Project, jointly managed by DSI and Customer pursuant to a shared consulting model for performing an implementation.

- Customer acknowledges that its participation and cooperation are critical for the success of the Project.

3 DSI Solution

Based on our understanding of the requirements, DSI will complete the Changed Solutions Deliverables as listed to deliver the agreed DSI applications. Any changes to the original Statement of Work or this CO could impact the deliverables and will be follow *Change Order Process*.

Change Order Deliverable

DSI will deliver the following changes:

- Deliverable #1
 - Description #1

Software Assumptions / Notes

Customer acknowledges that their participation and cooperation are required for the success of the Project. Unless otherwise noted in this CO, or the original SOW or agreed to in writing, the following assumptions are based on information provided by Customer to DSI relating to the Project and have been used to develop level of effort and fees. Deviations from these assumptions may lead to commensurate changes in the timeline and fees. These will be handled through the Change Management Process described in the DSI Terms.

Access - VPN Connection

The Customer will make a number of VPN type connection and credentials available during all phases of the project to support remote access by various DSI resources.

Scope - Additional Scope/Changes

All necessary components have been identified. If during the course of the project additional components or functionality are identified, a Change Order will be required to authorize the additional work.

ERP - Test Environment and Data

The Customer is responsible to provide a configured and functional test ERP environment along with test data that simulates production data scenarios. Creation of valid test data and development of comprehensive testing scenarios are Customer responsibilities.

Change Order

This Change Order utilizes the assumptions from the original project scope of work, project number ORIGINAL PROJECT NUMBER.

4 Customer Requirements

Customer is responsible for providing and ensuring Customer's committed participation of resources required for success during the Project. The estimated pricing and schedule reflect these important requirements. Failure for customer to meet or fulfil their project requirements may result in change order to address extra work required on DSI's part

Primary Customer Contact

The Customer is responsible to designate its own Project Manager to manage Customer activities associated with the implementation. DSI's Project Team is responsible to schedule DSI Solution Delivery team activities and to interface with the Customer Project Manager to coordinate with Customer's team.

5 Cost**Estimated Cost**

All rates and fees are represented in US Dollars.

Project Total	Estimated Hours	Estimated Costs
Totals	ESTIMATED HOURS	ESTIMATED COSTS

- Estimated services fees do not reflect any taxes. Taxes, if applicable, will be applied in addition to implementation costs.
- Cancellation / Postponement of Scheduled Services: The Customer understands that they must provide written cancellation notice five (5) business days (Mon - Fri) prior to scheduled consultant work schedule. If the cancellation request is not received five (5) business days prior to the scheduled work is to be performed the Customer shall be billed a minimum of four (4) hours per day for each day that does not meet the five (5) business days cancellation requirement.
- Estimated Fees are calculated using the Approved Hourly Rate specified for the Original Project and assumes that all work is performed during weekdays.

Change Order

Should any change order or additional scope be required, DSI will bill Customer on a time and material basis for actual work performed at the following rates:

Resource	Approved Hourly Rate
Architect / Designer	\$
Delivery / Infrastructure Consultant	\$
PMO	\$

These rates are for work performed during weekdays. Work performed on weekends or holidays will be billed at 125% of the Approved Hourly Rate and must be approved in advance by DSI management.

Estimated Change Order Cost and Hours

The Estimated Hours are based on our understanding of the requirements as outlined in the deliverables. If changes in hours are identified, DSI will notify Customer PM and describe the cause of the change. If necessary DSI will follow the Change Order Process as outlined in Section 1. All Project Team hours are included.

Invoices/Billing

DSI will submit invoices to Customer in accordance with the original agreement.

6 Acceptance of Change Order

Signature below indicates acceptance of this Change Order and associated fees by both parties. Customer signature indicates approval for DSI to perform the services and to bill for the additional services in accordance with the billing guidelines established for the Original Project.

By execution, signer certifies that signer is authorized to accept and execute this Change Order on behalf of DSI.

By execution, signer certifies that signer is authorized to accept and execute this Change Order on behalf of Customer.

Signed by DSI and effective as of _____
("Effective Date")

Date signed _____

Data Systems International, Inc.

DEPLOYED RESOURCES

By: _____

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

PO # (if applicable): _____